HT-H4500K
HT-H4530K

5.1CH Blu-ray™ Home Entertainment System

user manual

imagine the possibilities

Thank you for purchasing this Samsung product.
To receive more complete service,
please register your product at
www.samsung.com/register

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CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO QUALIFIED PERSONNEL.

This symbol indicates that high voltage is present inside. It is dangerous to make any kind of contact with any internal part of this product.

This symbol indicates that important literature concerning operation and maintenance has been included with this product.

- The slots and openings in the cabinet and in the back or bottom are provided for necessary ventilation. To ensure reliable operation of this apparatus, and to protect it from overheating, these slots and openings must never be blocked or covered.
  - Do not place this apparatus in a confined space, such as a bookcase, or built-in cabinet, unless proper ventilation is provided.
  - Do not place this apparatus near or over a radiator or heat register, or where it is exposed to direct sunlight.
  - Do not place vessels (vases etc.) containing water on this apparatus. A water spill can cause a fire or electric shock.
- Do not expose this apparatus to rain or place it near water (near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.). If this apparatus accidentally gets wet, unplug it and contact an authorized dealer immediately.
- This apparatus uses batteries. In your community, there might be environmental regulations that require you to dispose of these batteries properly. Please contact your local authorities for disposal or recycling information.
- Do not overload wall outlets, extension cords or adaptors beyond their capacity, since this can result in fire or electric shock.
- Route power-supply cords so that they are not likely to be walked on or pinched by items placed on or against them. Pay particular attention to cords at the plug end, at wall outlets, and the point where they exit from the apparatus.
- To protect this apparatus from a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the set due to lightning and power line surges.
- Before connecting the AC power cord to the DC adaptor outlet, make sure the voltage designation of the DC adaptor corresponds to the local electrical supply.
- Never insert anything metallic into the open parts of this apparatus. Doing so may create a danger of electric shock.
- To avoid electric shock, never touch the inside of this apparatus. Only a qualified technician should open this apparatus.
- Make sure to plug the power cord in until it is firmly seated. When unplugging the power cord from a wall outlet, always pull on the power cord's plug. Never unplug by pulling on the power cord. Do not touch the power cord with wet hands.
- If this apparatus does not operate normally - in particular, if there are any unusual sounds or smells coming from it - unplug it immediately and contact an authorized dealer or service centre.
- Maintenance of Cabinet.
  - Before connecting other components to this product, be sure to turn them off.
  - If you move your product suddenly from a cold place to a warm place, condensation may occur on the operating parts and lens and cause abnormal disc playback. If this occurs, unplug the product, wait for two hours, and then connect the plug to the power outlet. Then, insert the disc, and try to play back again.
- Be sure to pull the power plug out of the outlet if the product is to remain unused or if you are leaving the house for an extended period of time (especially when children, elderly, or disabled people will be left alone in the house).
  - Accumulated dust can cause an electric shock, an electric leakage, or a fire by causing the power cord to generate sparks and heat or the insulation to deteriorate.
- Contact an authorized service centre for information if you intend to install your product in a location with heavy dust, high or low temperatures, high humidity, chemical substances, or where it will operate 24 hours a day such as in an airport, a train station, etc. Failing to do so may lead to serious damage of your product.
- Use only a properly grounded plug and wall outlet.
  - An improper ground may cause electric shock or equipment damage. (Class I Equipment only.)
- To turn this apparatus off completely, you must disconnect it from the wall outlet. Consequently, the wall outlet and power plug must be readily accessible at all times.
- Do not allow children to hang on the product.

- Store the accessories (battery, etc.) in a location safely out of the reach of children.
- Do not install the product in an unstable location such as a shaky self, a slanted floor, or a location exposed to vibration.
- Do not drop or strike the product. If the product is damaged, disconnect the power cord and contact a service centre.
- To clean this apparatus, unplug the power cord from the wall outlet and wipe the product using a soft, dry cloth. Do not use any chemicals such as wax, benzene, alcohol, thinners, insecticide, air fresheners, lubricants, or detergent. These chemicals can damage the appearance of the product or erase the printing on the product.
- Do not expose this apparatus to dripping or splashing. Do not put objects filled with liquids, such as vases on the apparatus.
- Do not dispose of batteries in a fire.
- Do not plug multiple electric devices into the same wall socket. Overloading a socket can cause it to overheat, resulting in a fire.
- There is danger of an explosion if you replace the batteries used in the remote with the wrong type of battery. Replace only with the same or equivalent type.

WARNING :

- TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES AND OTHER ITEMS WITH OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.

CLASS 1 LASER PRODUCT

This product is classified as a CLASS 1 LASER product. Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION :

- INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED, AVOID EXPOSURE TO BEAM.

CLASS 1	**LASER PRODUCT**
KLASSE 1	**LASER PRODUKT**
LUOKAN 1	**LASER LAITE**
KLASS 1	**LASER APPARAT**
PRODUCTO	**LÁSER CLASE 1**

3D Precautions

IMPORTANT HEALTH AND SAFETY INFORMATION FOR 3D PICTURES.
Read and understand the following safety information before using the 3D function.

- Some viewers may experience discomfort while viewing 3D TV such as dizziness, nausea, and headaches. If you experience any such symptom, stop viewing 3D TV, remove the 3D Active Glasses, and rest.
- Watching 3D images for an extended period of time may cause eye strain. If you feel eye strain, stop viewing 3D TV, remove your 3D Active Glasses, and rest.
- A responsible adult should frequently check on children who are using the 3D function. If there are any reports of tired eyes, headaches, dizziness, or nausea, have the child stop viewing 3D TV and rest.
- Do not use the 3D Active Glasses for other purposes (such as general eyeglasses, sunglasses, protective goggles, etc.)
- Do not use the 3D function or 3D Active Glasses while walking or moving around. Using the 3D function or 3D Active Glasses while moving around may cause you to bump into objects, trip, and/or fall, and cause serious injury.
- If you want to enjoy 3D content, connect a 3D device (3D compliant AV receiver or TV) to the product's HDMI OUT port using a high-speed HDMI cable. Put on 3D glasses before playing the 3D content.
- The product outputs 3D signals only through an HDMI cable connected to the HDMI OUT port.
- The video resolution in 3D play mode is fixed to the resolution of the original 3D video. You can not change the resolution.
- Some functions such as BD Wise, screen size adjustment, and resolution adjustment may not operate properly in 3D play mode.
- You must use a high-speed HDMI cable for proper output of the 3D signal.
- Stay at least three times the width of the screen from the TV when watching 3D images. For example, if you have a 46 inch screen, stay 3.5 meters from the screen.
- Place the 3D video screen at eye level for the best 3D picture.
- When the product is connected to some 3D devices, the 3D effect may not function properly.
- This product does not convert 2D content into 3D.
- "Blu-ray 3D" and "Blu-ray 3D" logo are trademarks of the Blu-ray Disc Association.

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- Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance.
- An administration fee may be charged if either
  a. an engineer is called out at your request and there is no defect in the product (i.e. where you have failed to read this user manual)
  b. you bring the unit to a repair centre and there is no defect in the product (i.e. where you have failed to read this user manual).
- The amount of such administration charge will be advised to you before any work or home visit is carried out.

Check the box for the accessories and speaker components listed or shown below.

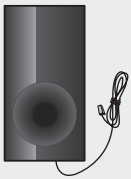
Accessories

- Remote Control
- User Manual
- Batteries

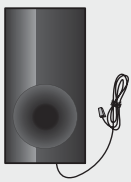
Power Cable	FM Antenna	HDMI Cable

Speaker Components

HT-H4500K

			
Front x 2	Surround x 2	Centre	Subwoofer

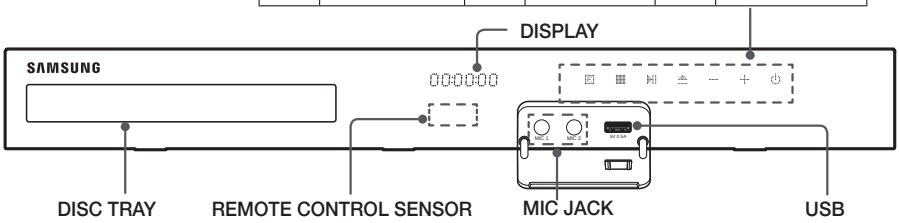
HT-H4530K

		Stand Base x 2	Speaker Cable x 2	Screw (5x15) x 8
Front x 2	Stand x 2			
		Surround x 2	Centre	Subwoofer

Front Panel

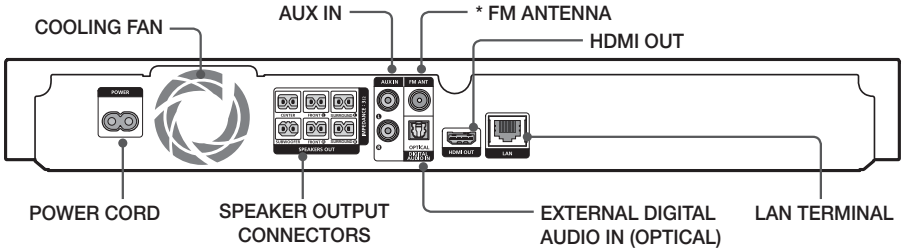
DISPLAY ICONS

	FUNCTION		STOP		PLAY/PAUSE
	OPEN/ CLOSE		VOLUME CONTROL		POWER



- When the product is on, do not let children touch the product's surface. It will be hot.
- To upgrade the product's software through the USB jack, you must use a USB flash drive.
- When the product displays the Blu-ray Disc menu, you cannot start the movie by pressing the ⏯/▶ button on the product or the remote. To play the movie, you must select Play Movie or Start in the disc menu, and then press the ↵ button.
- If you are using the Internet or are playing content from a USB device on your TV through the home cinema, you cannot select the **BD/DVD** mode with the **FUNCTION** button. To select the **BD/DVD** mode, exit the Internet or stop the content you are playing on the TV, and then select the **BD/DVD** mode.
- Plug the microphone jack before using Karaoke function.

Rear Panel



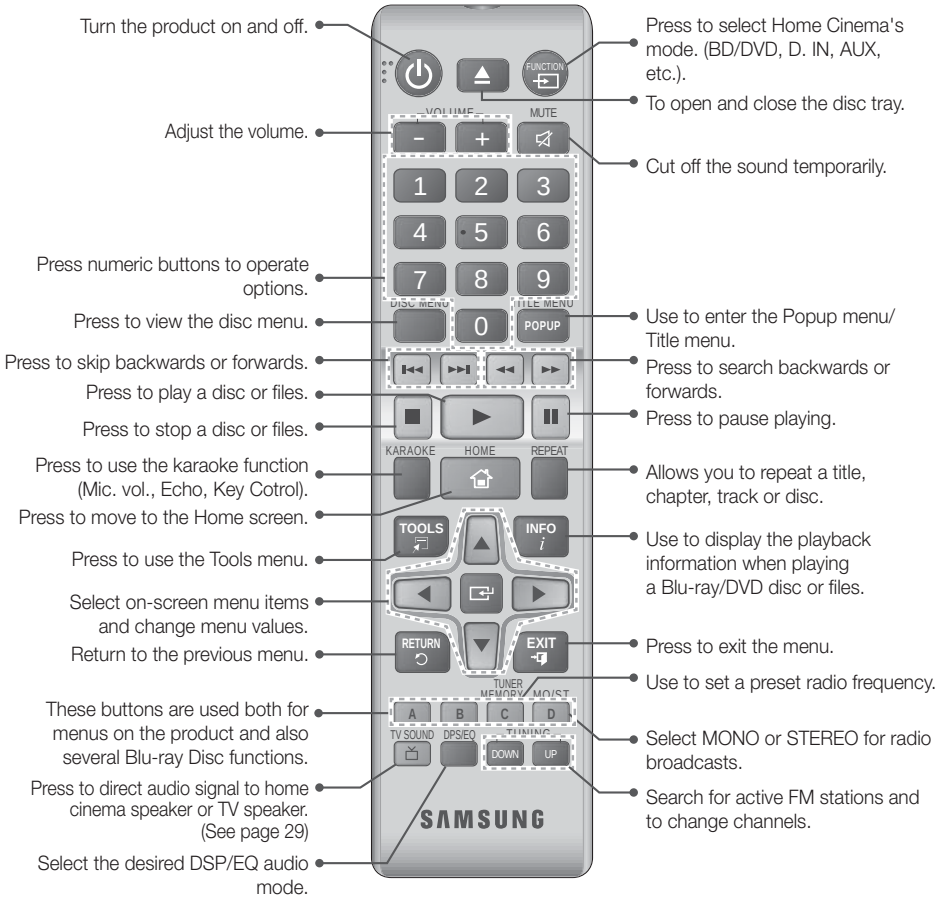
* **Connecting the FM Antenna**

1. Connect the supplied FM antenna to the FM ANT Jack.
2. Slowly move the antenna wire around until you find a location where reception is good, then fasten it to a wall or other rigid surface.

- Maintain a minimum of 10 cm of clear space on all sides of the home cinema to ensure adequate ventilation. Do not obstruct the cooling fan or ventilation holes.
- This product does not receive AM broadcasts.

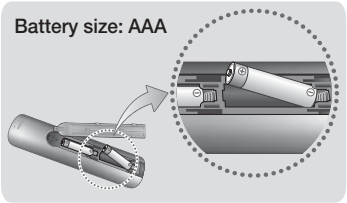
Remote Control

Tour of the Remote Control


Turn the product on and off.
Adjust the volume.
Press numeric buttons to operate options.
Press to view the disc menu.
Press to skip backwards or forwards.
Press to play a disc or files.
Press to stop a disc or files.
Press to use the karaoke function (Mic. vol., Echo, Key Cotrol).
Press to move to the Home screen.
Press to use the Tools menu.
Select on-screen menu items and change menu values.
Return to the previous menu.
These buttons are used both for menus on the product and also several Blu-ray Disc functions.
Press to direct audio signal to home cinema speaker or TV speaker. (See page 29)
Select the desired DSP/EQ audio mode.
Press to select Home Cinema's mode. (BD/DVD, D. IN, AUX, etc.).
To open and close the disc tray.
Cut off the sound temporarily.
Use to enter the Popup menu/ Title menu.
Press to search backwards or forwards.
Press to pause playing.
Allows you to repeat a title, chapter, track or disc.
Use to display the playback information when playing a Blu-ray/DVD disc or files.
Press to exit the menu.
Use to set a preset radio frequency.
Select MONO or STEREO for radio broadcasts.
Search for active FM stations and to change channels.
FUNCTION
VOLUME
MUTE
DISC MENU
TITLE MENU
POPUP
KARAOKE
HOME
REPEAT
TOOLS
INFO
RETURN
EXIT
TUNER MEMORY
MO/ST
A
B
C
D
TV SOUND
DPS/EQ
TUNING
DOWN
UP
SAMSUNG

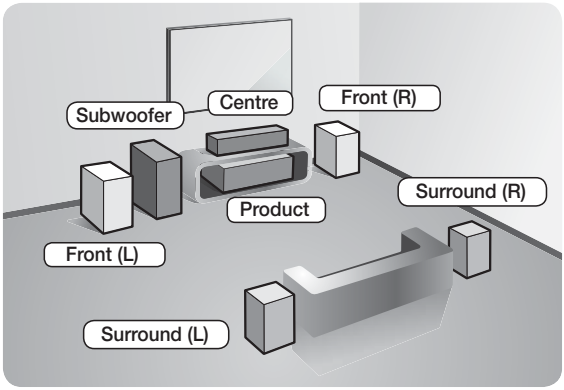
Installing batteries in the Remote Control

- Make sure to match the "+" and "–" ends of the batteries with the diagram inside the compartment.
- Assuming typical usage, the batteries last for about one year.
- The remote control can be used up to approximately 7 meters from the product in a straight line.



This section describes various methods of connecting the product to other external components.
Before moving or installing the product, be sure to turn off the power and disconnect the power cord.

Connecting the Speakers



Position of the product

Place it on a stand or cabinet shelf, or under the TV stand.

Selecting the Listening Position

The listening position should be located about 2.5 to 3 times the TV's screen size away from the TV. For example, if you have a 46 inch screen, locate the listening position 2.92 to 3.50 meters from the screen.

Front Speakers	Place these speakers in front of your listening position, facing inwards (about 45°) toward you. Place the front speakers so that their tweeters will be at the same height as your ear. Align the front face of the front speakers with the front face of the centre speaker or place them slightly in front of the centre speakers.
Centre Speaker	It is best to install the Centre Speaker at the same height as the front speakers. You can also install it directly over or under the TV.
Surround Speakers	Place these speakers to the side of your listening position. If there isn't enough room, place these speakers so they face each other. Position them about 60 to 90cm above your ear, facing slightly downward. * Unlike the front and centre speakers, the surround speakers are used mainly for sound effects. Sound will not come from them all the time.
Subwoofer	The position of the subwoofer is not so critical. Place it anywhere you like.

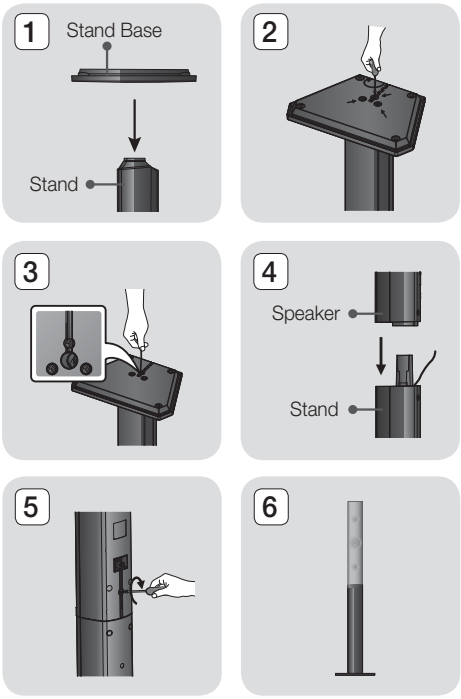
* **The appearance of your speakers may differ from the illustrations in this manual.**

* **Match the speaker cables to the coloured label on the back of the speaker, and then plug them into the jack of the same colour. See page 9 for exact instructions.**

Installing the Speakers on the Tallboy Stand

*** HT-H4530K only - Front Speakers**

1. Turn the Stand Base upside-down and connect it to the Stand.
2. Use the driver to combine the screws on the 3 marked holes.
3. Straighten a supplied speaker wire and put in the hole on the centre of Stand Base.
4. Connect the upper Speaker to the assembled Stand.
5. Insert a screw clockwise into the hole on the rear of the speaker using a screwdriver. And then connect a speaker cable.
6. This is the appearance after the speaker is installed.
   Follow this steps to install other speaker.

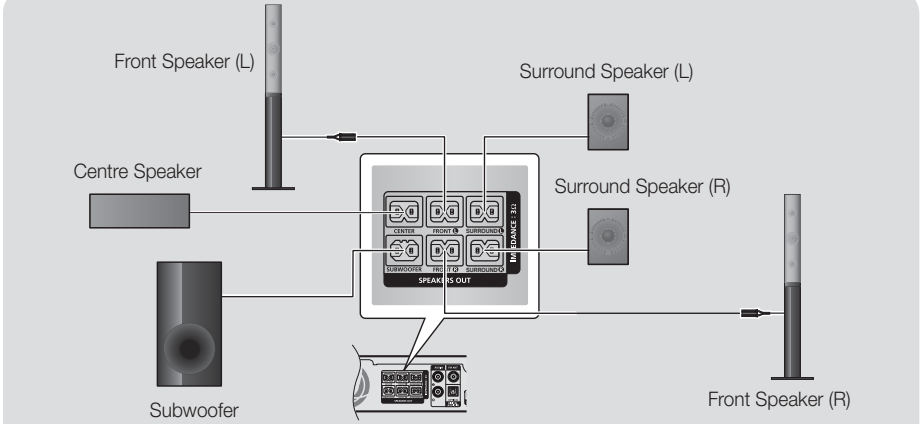


Speaker Cable Connections

*** HT-H4530K only - Front Speakers**

1. Match each speaker cable bundle to the correct speaker by matching the colour coded plug on each bundle to the coloured sticker on the bottom of each speaker.
2. Connect the speaker wire plugs from each speaker to the back of the product by matching the colours of the speaker plugs to the colours of the speaker jacks.

In case of HT-H4530K



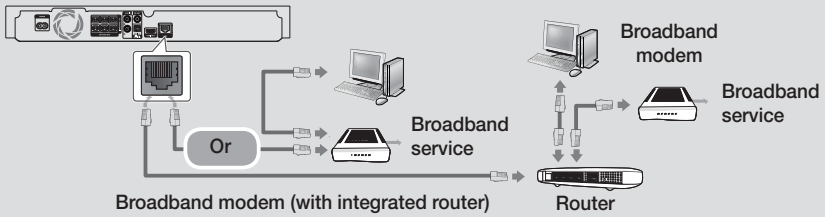
* Refer to page 5 for the speakers of HT-H4500K.

✎ If you place a speaker near your TV set, the screen colour may be distorted because of the magnetic field.

| CAUTION |

- If you want to install the speakers on the wall, fasten screws or nails (not provided) firmly to the wall wherever you want to hang a speaker, and then, using the hole in the rear of each speaker, carefully hang each speaker on a screw or nail.
- Do not let children play with or near the speakers. They could get hurt if a speaker falls.
- When connecting the speaker wires to the speakers, make sure that the polarity (+/–) is correct.
- Keep the subwoofer speaker out of reach of children to prevent children from inserting their hands or alien substances into the duct (hole) of the subwoofer speaker.
- Do not hang the subwoofer on the wall using the duct (hole).

Connecting to a Network Router

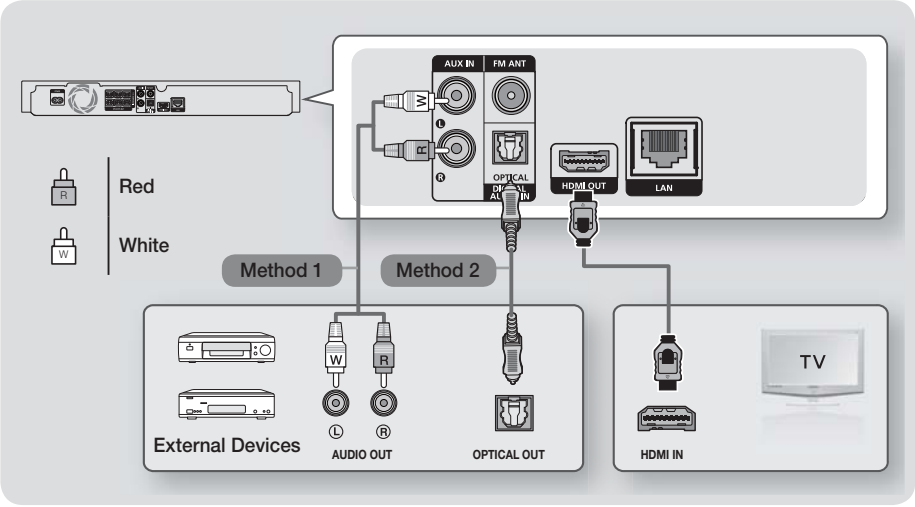


✎ Your router or your Internet Service Provider's policies may prevent the product from accessing Samsung's software update server. If this occurs, contact your Internet Service Provider (ISP) for more information.

✎ DSL users, please use a router to make a network connection.

✎ To use the DLNA function, you must connect a PC to the network as shown in the figure.

Connecting to a TV and External Devices



Connecting to a TV

Connect an HDMI cable from the HDMI OUT jack on the back of the product to the HDMI IN jack on your TV. If the TV supports ARC, you can hear the audio from your TV through the home cinema with only this cable connected. See page 15 in this manual and the section on ARC in your TV's user's manual for details.

Connecting to External Devices

To select the correct mode for an external device after you have connected the device, press the **FUNCTION** button. Each time you press the button, the mode changes in this order :

BD/DVD ➞ D. IN ➞ AUX ➞ FM ➞ BT

Two methods of connecting external devices to your home cinema are explained below.

Method 1 AUX IN : Connecting an External Analogue Component

Using an RCA audio cable (not supplied), connect the AUDIO In jack on the product to the AUDIO Out jack on the external analogue component. ⇨ Select the **AUX** mode.

- Be sure to match the colours on the cable plugs to the colours on the input and output jacks.

Method 2 OPTICAL : Connecting an External Digital Audio Component

Use to connect the digital audio output of digital signal components such as Cable Boxes and Satellite Receivers (Set-Top-Boxes): Using a digital optical cable (not supplied), connect the Optical Digital Audio In jack on the product to the Digital Optical Out jack of the external digital device using a digital optical cable.
⇨ Select the **D. IN** mode.

✎ To see video from your Cable Box/Satellite receiver, you must connect its video output directly to your TV.

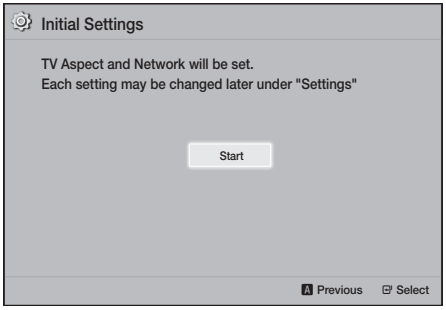
✎ This system supports Digital sampling frequencies of 32 kHz or higher from external digital components.

✎ This system supports only DTS and Dolby Digital audio. MPEG audio, a bitstream format, is not supported.

The Initial Settings Procedure

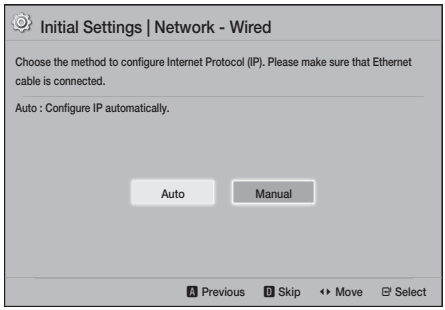
- The Home menu will not appear if you do not configure the initial settings.
- The OSD (On Screen Display) may change in this product after you upgrade the software version.
- The access steps may differ depending on the menu you selected.

1. Turn on your TV after connecting the product, and then turn on the product. When you turn on the product for the first time, the product automatically displays the **Initial Settings** Language screen.
2. Press the ▲▼ buttons to select the desired language, and then press the ⏎ button.
3. Press the ⏎ button to start function setup.

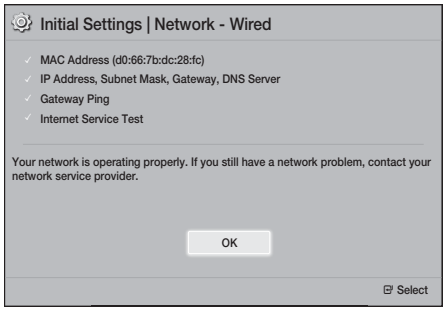


4. The **TV Aspect** screen appears. Press the ▲▼ buttons to select a TV aspect ratio, and then press the ⏎ button.
   You have four choices:
   16:9 Original - For widescreen TVs. Displays widescreen pictures in their original 16:9 format and 4:3 pictures (the old, standard format) in 4:3 pillar box format with black bars on the left and right.
   16:9 Full - For widescreen TVs. Displays widescreen pictures in their original 16:9 format and expands 4:3 pictures to fill the 16:9 screen.
   4:3 Letter Box - For older, standard screen, analogue TVs. Displays 4:3 pictures in full screen and 16:9 pictures in letter box format that retains the 16:9 aspect ratio but puts black bars above and below the picture.
   4:3 Pan-Scan - For older, standard screen, analogue TVs. Displays 4:3 pictures in full screen and 16:9 pictures in Pan-Scan format that fills the screen, but cuts off the left and right sides of the picture and enlarges the middle vertically.
5. The **Network - Wired** screen appears.
   - If you have a network with dynamic IP addresses - and most people do - select **Auto**, press the ⏎ button, and then go to Step 6.
   - If you have a network with static IP addresses, we suggest you select **Skip** by pressing the **BLUE (D)** button. (See page 17)
   - If you have no network, select **Skip** by pressing the **BLUE (D)** button. The Initial Settings Complete screen appears, and then the Home screen appears.

✎ If you skip network setup here or the setup does not work correctly, you can set up the product's network connection later. (See page 17)



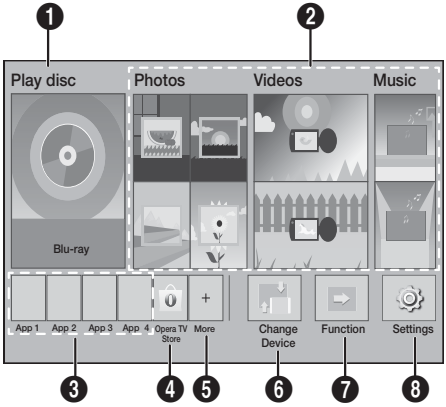
6. The product verifies the network connection and then connects to the network. When it is done, press the ⏎ button. The "**Initial settings completed.**" screen appears, and then the Home screen appears.


Initial Settings | Network - Wired
MAC Address (d0:66:7b:dc:28:fc)
IP Address, Subnet Mask, Gateway, DNS Server
Gateway Ping
Internet Service Test
Your network is operating properly. If you still have a network problem, contact your network service provider.
OK
Select

✎ If you want to display the **Initial Settings** screen again and make changes, select the **Reset** option. (See page 17)

✎ If you use an HDMI cable to connect the product to an Anynet+ (HDMI-CEC)-compliant Samsung TV and 1.) You have set the **Anynet+ (HDMI-CEC)** feature to On in both the TV and the product and 2.) You have set the TV to a language supported by the product, the product will select that language as the preferred language automatically.

The Home Screen at a Glance



❶ Play disc

The disc currently in the tray is displayed.
Press ⏎ to start playing the disc.

❷ Photos/Videos/Music

Play photos, videos, or music content from Disc, USB, PC, or mobile devices.

❸ Apps

Access various for pay or free-of-charge applications.

❹ Opera TV Store

Makes the Web-based App for TV available for use.

❺ More

A list of useful and popular apps we recommend.

❻ Change Device

Displays a list of external devices connected to the main unit. Switch to the desired device.

❼ Function

Use for switching to an external device, and for radio and mode switching for a Bluetooth connection. You can use the remote control's **FUNCTION** button and the main unit's ⏎ button for mode switching.

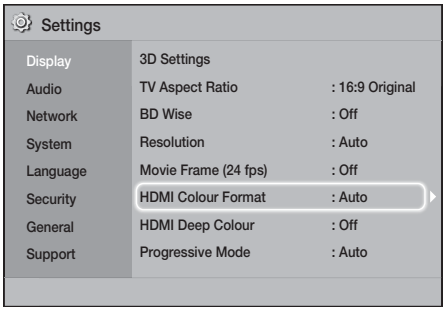
❽ Settings

Set various functions to suit your personal preferences.

✎ To play or view video, photo, music files located on your PC, you must connect your home cinema and PC to a home network and you must download, install, and configure the DLNA software on your PC. (See page 19)

Accessing the Settings Screen

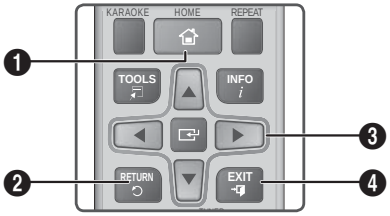
1. Select **Settings** on the Home screen, and then press ⏎. The **Settings** screen appears.



2. To access the menus, sub-menus, and options on the **Settings** screen, please refer to the remote control illustration. (See page 14)

✎ If you leave the product in the stop mode for more than 5 minutes without using it, a screen saver will appears on your TV. If the product is left in the screen saver mode for more than 20 minutes, the power automatically turns off.

Buttons on the Remote Control Used for the Settings Menu



❶	**HOME** Button : Press to move to the Home screen.
❷	**RETURN** Button : Press to return to the previous menu.
❸	(ENTER) / **DIRECTION** Button : • Press ▲▼◄► to move the cursor or select an item. • Press the button to activate the currently selected item or confirm a setting.
❹	**EXIT** Button : Press to exit the current menu.

Detailed Function Information

Each **Settings** function, menu item, and individual option is explained in detail on-screen. To view an explanation, use the ▲▼◄► buttons to select the function, menu item, or option. The explanation will usually appear on the bottom of the screen.

A short description of each **Settings** function starts on this page. Additional information on some of the functions is also in the Appendix of this manual.

Settings Menu Functions

Display

3D Settings

Set up the 3D related functions.

✓ **3D Blu-ray Playback Mode**: Select whether to play a Blu-ray Disc with 3D contents in 3D Mode. If you move to the Home menu while in 3D mode, the product will switch to 2D automatically.

✓ **Screen Size**: Enter the size of the TV attached to the product. The product will automatically adjust the 3D output to the screen size of the TV.

✎ Carefully read the health and safety information before viewing 3D content. (See page 3)

TV Aspect Ratio

Lets you adjust the output of the product to the screen size of your TV. (See page 33)

BD Wise

BD Wise is Samsung's latest inter-connectivity feature. When you connect a Samsung product and a Samsung TV with **BD Wise** to each other via HDMI, and **BD Wise** is on in both the product and TV, the product outputs video at the video resolution and frame rate of the Blu-ray/DVD Disc.

Resolution

Lets you set the output resolution of the HDMI video signal to **BD Wise, Auto, 1080p, 1080i, 720p, 576p/480p**. The number indicates the number of lines of video per frame. The i and p indicate interlaced and progressive scan, respectively. The more lines, the higher quality.

Movie Frame (24 fps)

Setting the **Movie Frame (24 fps)** feature to **Auto** lets the product adjust its HDMI output to 24 frames per second automatically for improved picture quality if attached to a 24Fs compatible TV.

- You can enjoy the **Movie Frame (24 fps)** feature only on a TV supporting this frame rate.
- Movie Frame is only available when the product is in the HDMI 1080p output resolution modes.

HDMI Colour Format

Lets you set the colour space format for the HDMI output to match the capabilities of the connected device (TV, monitor, etc).

HDMI Deep Colour

Lets you set the product to output video from the HDMI OUT jack with Deep Colour. Deep Colour provides more accurate colour reproduction with greater colour depth.

Progressive Mode

Lets you improve picture quality when viewing DVDs.

Audio

Karaoke scoring

This feature rates your singing ability and gives you a score for each song you sing.

My karaoke

Set the volume of the vocals when using the karaoke feature.

✓ **Original Vocals**: Volume is set to the level of the original sound.

✓ **Reduce Vocals**: Volume is set to a level lower than that of the original sound.

Speaker Settings

Lets you adjust the following speaker settings and turn the test tone on and off so you can test the speakers.

✓ **Level**: Lets you adjust the relative loudness of each speaker from 6dB to -6dB. For example, if you like deep bass, you can increase the loudness of the subwoofer by 6dB.

✓ **Distance**: Lets you adjust the relative distance of each speaker from the listening position up to 9 meters. The farther the distance, the louder the speaker will be.

✓ **Test Tone**: Lets you run the **Test Tone** function so you can test your adjustments. Setting **Test Tone** to **On** turns the **Test Tone** on. Setting it to **Off** turns it off.

Speaker Selection

Lets you select which speakers you want active, either the TV's speakers or the home cinema's speakers.

Audio Return Channel

Lets you direct the sound from the TV to the Home Cinema speakers. Requires an HDMI connection and an **Audio Return Channel** (ARC) compatible TV.

- If **Audio Return Channel** is set to on and you are using an HDMI cable to connect the product to the TV, digital optical input will not work.
- If **Audio Return Channel** is set to **Auto** and you are using an HDMI cable to connect the product to the TV, ARC or digital optical input is selected automatically.

Digital Output

Lets you set the **Digital Output** to match the capabilities of the AV receiver you've connected to the product. For more details, please refer to the digital output selection table. (See page 38)

Dynamic Range Control

Lets you apply dynamic range control to Dolby Digital, Dolby Digital Plus, and Dolby TrueHD audio.

✓ **Auto**: Automatically controls the dynamic range of Dolby TrueHD audio, based on information in the Dolby TrueHD soundtrack. Also turns dynamic range control off for Dolby Digital and Dolby Digital Plus.

✓ **Off**: Leaves the dynamic range uncompressed, letting you hear the original sound.

✓ **On**: Turns dynamic range control on for all three Dolby formats. Quieter sounds are made louder and the volume of loud sounds is reduced.

Downmixing Mode

Lets you select the multi-channel downmix method that is compatible with your stereo system. You can choose to have the product downmix to **Normal Stereo** or to **Surround Compatible**.

Audio Sync

When the product is attached to a digital TV, lets you adjust the audio delay so that the audio syncs with the video. You can set the delay between 0 and 300 milliseconds.

Network

Wired Network Settings

For more information about this function see page 16.

Network Test

Lets you test the Internet Protocol setup to see if it is working correctly.

Network Status

Lets you check the current network and Internet status.

Device Name

Lets you assign an identifying name to the product. You use this name to identify the product when you are connecting external Wi-Fi devices (smart phones, tablets, etc.) to it.

BD-Live Internet Connection

Lets you allow or prohibit an Internet connection for the BD-Live service.

System

Initial Settings

Lets you re-run the **Initial Settings** procedure. (See page 12)

Quick start

You can turn on the power quickly by decreasing the boot time.

✎ If this function is set to **On**, Standby power consumption will be increased. (About 12W ~ 20W)

Anynet+ (HDMI-CEC)

Anynet+ is a convenient function that offers linked operations with other Samsung products that have the Anynet+ feature and lets you control those products with one Samsung TV remote. To operate this function, you must connect this product to an Anynet+ Samsung TV using a HDMI cable.

BD Data Management

Lets you manage the contents you downloaded through a Blu-ray disc that supports the BD-Live service. You can view the information about the USB device you are using for BD Live data storage including the storage space. You can also delete BD Live data and change the device.

DivX® Video On Demand

View DivX® VOD Registration Codes to purchase and play DivX® VOD contents.

Language

Lets you select the language you prefer for the On-Screen Menu, disc menu, etc.

- The selected language will only appear if it is supported on the disc.

Security

The default PIN is 0000. Enter the default PIN to access the security function if you haven't created your own PIN.

BD Parental Rating

Prevents playback of Blu-ray Discs with a rating equal to or above a specific age rating unless you enter the PIN.

DVD Parental Rating

Prevents playback of DVDs with a rating above a specific numerical rating unless you enter the PIN.

Change PIN

Changes the 4-digit PIN used to access security functions.

General

Time Zone

Lets you specify the time zone that is applicable to your area.

Support
Software Upgrade
For more information about this function see page 18.
Contact Samsung
Provides contact information for assistance with your product.
Terms of Service Agreement
View the general disclaimer regarding third party contents and services.
Reset
Reverts all settings to their defaults except for the network. Requires that you enter your security PIN. The default security PIN is 0000.

Network Setup

When you connect this product to a network, you can use network based applications and functions such as BD-LIVE and upgrade the product's software through the network connection.

Configuring Your Network Connection

If you skipped network setup during the Initial Setup, follow the instructions below to configure the home cinema's network connection.

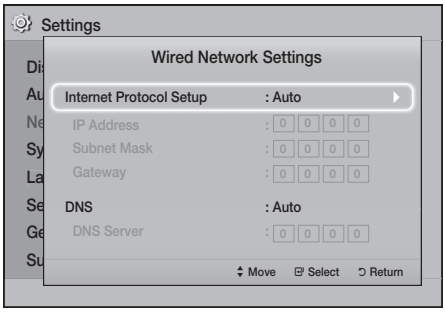
Before you begin, contact your ISP to find out if your IP address is static or dynamic. If it is dynamic, we recommend you use the automatic procedure below. If it is static, you must use the manual procedure that follows.

- Before you begin, confirm that the product is connected to your router with a network cable.

❑ Automatic

To start the configuration process, follow these steps:

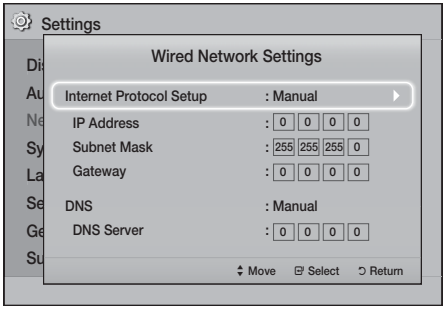
1. In the Home menu, select **Settings**, and then press the button.
2. Select **Network**, and then press the button.
3. Select **Wired Network Settings**, and then press the button.
   The **Wired Network Settings** screen appears.
4. Press the ► button on the **Internet Protocol Setup** menu.
   Use ▲▼ button to select **Auto**, and then press the button.



5. The Network function acquires and fills in the values for **IP Address**, **Subnet Mask**, etc., automatically.
6. After the Network function has acquired the network values, press the **RETURN** button.
7. Select **Network Test**, and then press . The home cinema validates the network connection. When it is done, press the **RETURN** button.

❑ Manual

If you have a static IP address or the Automatic procedure does not work, you'll need to set the Network Settings values manually. You can get the Network Settings from your Internet Service Provider (ISP).



1. Follow the first four steps in the Automatic procedure, but select **Manual** instead of Auto in Step 4.

2. Press the ▼ button to go to the first entry field (IP Address).
3. Use the number buttons on your remote to enter numbers.
4. When done with each field, use the ► button to move successively to the next field.
   You can also use the other arrow buttons to move up, down, and back.
5. Enter the **IP Address**, **Subnet Mask**, and **Gateway** values.
6. Press the ▼ button to go to **DNS**.
7. Press the ▼ button to go to the first DNS entry field. Enter the numbers as above.
8. Press the **RETURN** button on your remote.
9. Select **Network Test**, and then press .
   When the test is completed, press the **RETURN** button to exit to the previous screen.
10. Select **Network Status**, and then press .
11. The **Network Status** screen appears.
    The product verifies the network connection and then connects to the network. When it is done, highlight **OK**, and then press .

Upgrading Software

The **Software Upgrade** menu allows you to upgrade the product's software for performance improvements or additional services.

- Never turn the product off or back on manually during the update process.
- The update is complete when the product turns off after restarting. Press the **POWER** button to turn on the updated product for your use.
- Samsung Electronics takes no legal responsibility for product malfunction caused by an unstable Internet connection or consumer negligence during a software upgrade.

1. In the Home menu, select **Settings**, and then press the button.
2. Select **Support**, and then press the button.
3. Select **Software Upgrade**, and then press the button.
4. Select one of the following methods:
   - **By Online**
   - **By USB**
   - **Auto Upgrade Notification**
5. Press the button.
   Directions for each method begin below.

✎ If you want to cancel the upgrade while the upgrade software is downloading, press the button.

By Online

Your product must be connected to the Internet to use the **By Online** function. Remove all discs before you begin.

1. Select **By Online**, and then press the button. The Connecting to Server message appears.
2. If an update is available, a popup message appears asking if you want to upgrade. If you select **Yes**, the product turns off automatically, turns on, and then begins the upgrade.
3. The update progress popup appears. When the update is completed, the product turns off automatically again.
4. Press the **POWER** button to turn on the product.

By USB

1. Visit www.samsung.com.
2. Click **SUPPORT** on the top right of the page.
3. Enter the product's model number into the search field. As you enter the model number, a drop down will display products that match the model number.
4. Left click your product's model number in the drop down list.
5. On the page that appears, scroll down to and then click **Firmware Manuals & Downloads**.
6. Click **Firmware** in the centre of the page.
7. Click the **ZIP** icon in the File column on the right side of the page.
8. Click **Send** in the first pop-up that appears. Click **OK** in the second pop-up to download and save the firmware file to your PC.
9. Unzip the zip archive to your computer. You should have a single folder with the same name as the zip file.

10. Copy the folder to a USB flash drive.
11. Make sure no disc is inserted in the product, and then insert the USB flash drive into the USB port of the product.
12. In the product's menu, go to **Settings > Support > Software Upgrade**.
13. Select **By USB**.
14. The home cinema searches for the software on the USB drive. When it finds the software, the Update Request pop-up appears.
15. Select **OK**. The home cinema turns off, turns on, and then begins the upgrade. When the upgrade is done, the home cinema turns off.
16. Press the **POWER** button to turn on the home cinema.

✎ There should be no disc in the product when you upgrade the software using the USB Host jack.

✎ When the software upgrade is done, check the software details in the **Software Upgrade** menu.

Auto Upgrade Notification

If your product is connected to the network and you set **Auto Upgrade Notification** on, the product will notify you if a new software version is available with a pop-up message.

1. Turn on the product.
2. In the **Software Upgrade** menu, set **Auto Upgrade Notification** to **On**.
   If there is a new software version available, the product will notify you with a pop-up message.
3. To upgrade the firmware, select **Yes**. The product turns off automatically, turns on, and then begins the upgrade.
4. The update progress popup will appear. When the update is complete, the product will turn off automatically again.
5. Press the **POWER** button to turn on the product.

Setting Up DLNA

DLNA enables you to play music, video, and photo files located in your PC using this product. To use DLNA, you must connect the product to your PC via the network (See page 10) and install the SAMSUNG PC Share Manager on the PC.

To Download the DLNA Software

To use DLNA with your PC, you must install DLNA software on your PC. You can download the PC software and get detailed instructions for using DLNA from the Samsung.com website.

1. Go to www.samsung.com.
2. Click **SUPPORT** at the top of the page.
3. Enter the product's model number into the search field. As you enter the model number, a drop down will display products that match the model number.
4. Left click your product's model number in the drop down list.
5. On the page that appears, scroll down to and then click **Firmware Manuals & Downloads**.
6. Click the **Software** tab.
7. On the software tab, click the EXE icon on the right side of the DLNA line.
8. In the first pop-up that appears, click **Send**. In the second pop-up, click **Save File**.
9. Find the DLNA install file on your disk, and then double click the file.
10. In the pop-up that appears, click **Run**, and then follow the directions that appear on your screen.

Download the DLNA Installation/Instruction manual from the same Software Tab by clicking the corresponding PDF file symbol in the File column on the right. The file, in PDF format, will download and open. Follow the directions to install and setup DLNA. You can view and/or save the file.

✎ To use DLNA with your smart phone, you need to connect your home cinema and smart phone to the same network.

Your home cinema can play content located on Blu-ray/DVD/CD discs, USB devices, PCs, smart phones, tablets, and in Apps.

To play content located on your PC or a mobile device, you must connect the PC or mobile device and the product to your network. To play content on your PC, you must also download and install DLNA network software or already have DLNA network software on your PC.

✎ PCs running Windows 7 and Windows 8 have DLNA software (Play To) built in.

Switching the Source Device

If two or more external devices are connected to the main unit, you can use any of the three methods described below to change the source device.

Method 1

From the Home screen, use the ▲▼◄► buttons to move to **Change Device**, and then press ⏎.

The **Change Device** popup window will appear. Use the ▲▼ buttons to move to the desired device, and then press ⏎.

Method 2

If you move to **Photos**, **Videos**, **Music** or other file-based contents, a list of folders and files will appear. Press the **RED (A)** button to display the **Change Device** popup window, use the ▲▼ buttons to move to the desired device, and then press ⏎.

Method 3

When a device is connected for the first time, a popup window appears on which you can change the source device by using the ◄► buttons.

Playing Commercial Discs

1. Press the ⏏ button to open the disc tray.
2. Place a disc gently into the disc tray with the disc's label facing up.

3. Press the ⏏ button to close the disc tray. Playback starts automatically.
4. If playback does not start automatically, press the ▶ button on the remote.

Disc Storage & Management

- Holding Discs
  - Fingerprints or scratches on a disc may reduce sound and picture quality or cause skipping.

  - Avoid touching the surface of a disc where data has been recorded.
  - Hold the disc by the edges so that fingerprints will not get on the surface.
  - Do not stick paper or tape on the disc.
- Cleaning Discs
  - If you get fingerprints or dirt on a disc, clean it with a mild detergent diluted in water and wipe with a soft cloth.

  - When cleaning, wipe gently from the inside to the outside of the disc.
  - Disc Storage
    - Do not keep in direct sunlight.
    - Keep in a cool ventilated area.
    - Keep in a clean protective jacket and store vertically.

Playing a Disc with User Recorded Content

You can play multimedia files you have recorded on Blu-ray, DVD, or CD discs.

1. Place a user recorded disc into the disc tray with the disc's label facing up, and then close the tray.
2. Use the ▲▼◄► buttons to select the type of content you want to view or play - **Photos**, **Videos**, or **Music** - and then press the ⏎ button.

OR

2-1. Select **Play disc** from the Home screen. The **Play disc** screen appears. Use the ▲▼ buttons to select the desired content type, **Photos**, **Videos**, or **Music**.

3. A screen appears listing the contents of the disc. Depending on how the contents are arranged, you will see either folders, individual files, or both.
4. If necessary, use the ▲▼◄►buttons to select a folder, and then press the ⏎ button.
5. Use the ▲▼◄► buttons to select a file to view or play, and then press the ⏎ button.
6. Press the **RETURN** button one or more times to exit a current screen, exit a folder, or to return to the Home screen.
   Press the **EXIT** button to return directly to the Home Screen.
7. Go to pages 22~26 for instructions that explain how to control playback of videos, music, and pictures on a disc.

Playing Files on a USB Device

There are two methods you can use to play or view multimedia files located on a USB device through your product.

Method 1 : If you connect a USB device while the product is turned on

1. The "**New device connected.**" pop-up appears.

✎ If the pop-up does not appear, go to Method 2.

2. Use the ▲▼ buttons to select **Photos**, **Videos**, or **Music** and then press the ⏎ button. Depending on how the contents are arranged, you will see either folders, individual files, or both.
3. If necessary, use the ▲▼◄► buttons to select a folder, and then press the ⏎ button.
4. Select a file to view or play, and then press the ⏎ button.
5. Press the **RETURN** button to exit a folder or the **EXIT** button to return to the Home screen.
6. Go to pages 22~26 for instructions that explain how to control playback of videos, music, and pictures on a USB device.

Method 2 : If the product is turned on after you connect a USB device

1. Turn the product on.
2. Press **Change Device** and select a USB device.
3. Use the ◄► buttons to select **Photos**, **Videos**, or **Music** on the Home screen, and then press the ⏎ button.
4. If necessary, use the ▲▼◄► buttons to select a folder, and then press the ⏎ button.
5. Select a file to view or play, and then press the ⏎ button.
6. Press the **RETURN** button to exit a folder or the **EXIT** button to return to the Home screen.
7. Go to pages 22~26 for instructions that explain how to control playback of videos, music, and pictures on a USB device.

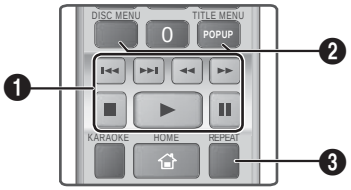
✎ If you insert a disc when playing a USB device or phone, the device mode changes to "Disc" automatically.

✎ If your cellular phone is DLNA compatible, you can play contents without connecting a USB cable. (See page 30)

Controlling Video Playback

You can control the playback of video content located on a Blu-ray/DVD disc, USB device, mobile device, or PC. Depending on the disc or contents, some of the functions described in this manual may not be available.

Buttons on the Remote Control used for Video Playback



❶ Playback related buttons

The product does not play sound in **Search**, **Slow**, or **Step** mode.

- To return to normal speed playback, press the ▶ button.

▶	Starts playback.
■	Stops playback.
❚❚	Pauses playback.
Fast Motion Play	During playback, press the ◀◀ or ▶▶ button. Each time you press the ◀◀ or ▶▶ button, the playback speed will change.
Slow Motion Play	In pause mode, press the ▶▶ button. Each time you press the ▶▶ button, the playback speed will change.
Step Motion Play	In pause mode, press the ❚❚ button. Each time you press the ❚❚ button, a new frame appears.
Skip Motion Play	During playback, press the ⏮ or ⏭ button. Each time you press the ⏮ or ⏭ button, the disc moves to the previous or next chapter or file.

❷ Using the disc menu, title menu, popup menu, and title list

DISC MENU

During playback, press this button to display the Disc menu.

TITLE MENU

During playback, press this button to display the Title menu.

- If your disc has a playlist, press the **GREEN (B)** button to go to the playlist.

POPUP MENU

During playback, press this button to display the Popup menu.

❸ Repeat Playback

1. During playback, press the **REPEAT** button on the remote control.
2. Press the ▲▼ buttons to select **Off**, **Title**, **Chapter**, **All** or **Repeat A-B**, and then press the ↻ button.

❑ **Repeat A-B**

1. Press the ↻ button at the point where you want repeat play to start (A).
2. Press the ↻ button at the point where you want repeat play to stop (B).
3. To return to normal play, press the **REPEAT** button again.
4. Press the ↻ button.

✎ Depending on the disc, the screen may not display all repeat options.

✎ The screen may not display **Chapter** or **Title** immediately. Continue to press the ▲▼ buttons until your choice is inside the applicable field.

✎ To return to normal play, press the **REPEAT** button again, press the ▲▼ buttons to select **Off**, and then press the ↻ button.

✎ The screen may not display **Repeat A-B** immediately. Continue to press the ▲▼ buttons until **Repeat A-B** is inside the applicable field.

✎ You must set point (B) at least 5 seconds of playing time after point (A).

Using the TOOLS Menu

During playback, press the **TOOLS** button.

Title

If there is more than one title on a disk or device, lets you move to or select a desired title.

Playing Time

Lets you go to a specific playback point. Use the numeric buttons to input the playback point.

Repeat Mode

Lets you repeat a specific title, chapter, or marked section.

Audio Sync

Lets you adjust the audio delay so that the audio syncs with the video. You can set the delay from 0 to 300 milliseconds.

Picture Settings

Lets you set the picture mode.

- **Mode**
  - **User** : Lets you adjust the **Brightness**, **Contrast**, **Colour**, and **Sharpness** functions manually.
  - **Dynamic** : Choose this setting to increase sharpness.
  - **Normal** : Choose this setting for most viewing applications.
  - **Movie** : This is the best setting for watching movies.

Menu selections that appear only when a BD/DVD disc plays

Chapter

Lets you move to a chapter that you want to watch.

Audio

Lets you set the desired audio language.

Subtitle

Lets you set the desired subtitle language.

Angle

To view a scene from another angle. The **Angle** option displays the number of angles available to view (1/1, 1/2, 1/3, etc.).

BONUSVIEW Video	BONUSVIEW Audio

Lets you set the desired Bonusview option.

Menu selections that appear only while a file plays

Full Screen

Lets you set the desired full screen size. You can select **Original**, **Mode1** (larger), and **Mode2** (largest).

Information

Select to view video file information.

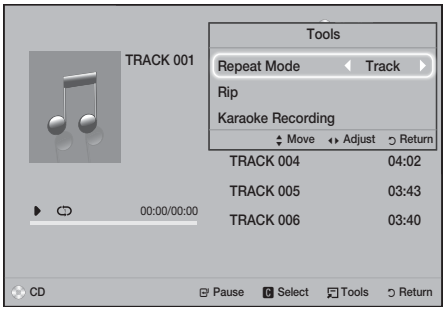
✎ Depending on the disc or storage device, the Tools menu may differ. All options may not be displayed.

Creating a Video Playlist

You can create a playlist of video files in a way that is nearly identical to the way you create a playlist of music files. See page 24 for instructions.

Playing a Pre-Recorded Commercial Audio Disc

1. Insert an Audio CD (CD-DA) or an MP3 Disc into the disc tray.
   - For an Audio CD (CD-DA), the first track will be played automatically. Tracks on a disc are played in the order in which they were recorded on the disc.
   - For an MP3 disc, press the ◄► buttons to select **Music**, then press the ENTER button.



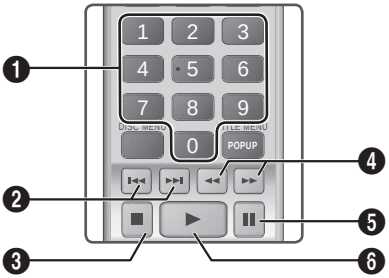
2. To play a particular track, use the ▲▼ buttons on the remote to select the track, and then press the ⏎ button.

✎ For more information about playing music, see Controlling Music Playback below.

Controlling Music Playback

You can control the playback of music content located on a DVD, CD, USB, mobile device, or PC. Depending on the disc or contents, some of the functions described in this manual may not be available.

Buttons on the Remote Control used for Music Playback



❶	**Number** buttons : During Playlist playback, press the desired track number. The selected track is played.
❷	**Skip** : During playback, press the ⏮ or ⏭ button to move to the previous or next music track.
❸	■ button : Stops a track.
❹	**Fast Play (Audio CD [CD-DA] only) :** During playback, press the ◀◀ or ▶▶ button. Each time you press the ◀◀ or ▶▶ button, the playback speed will change.
❺	❚❚ button : Pauses a track.
❻	▶ button : Plays the currently selected track.

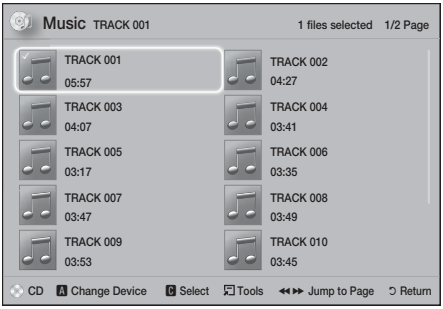
Repeating Tracks

You can set the product to repeat tracks.

1. During music playback, press the **TOOLS** button.
2. Use ◄► button to select **Off**, **Track** or **One**, **All** or **Shuffle** in **Repeat Mode**, and then press the ⏎ button.

Creating a Music Playlist

1. If playing music from a commercial CD or DVD, press the ■ or **RETURN** button. The Music List Screen appears. If you are creating a playlist from music on a user created disk or USB device, access the Music list as described on page 20 or 21.
2. Press the ▲▼◄► buttons to move to a desired file, and then press the **YELLOW (C)** button to select it. Repeat this procedure to select additional files.
3. If you want to select all files, press the **TOOLS** button, use the ▲▼ buttons to select **Select All**, and then press ⏎. If you want to deselect all files, press the **TOOLS** button, select **Deselect All**, and then press ⏎.



4. To remove a file from the **Playlist**, move to the file, and then press the **YELLOW (C)** button.
5. Press the button to play the selected files. The **Playlist** screen appears.
6. To go to the Music List, press the or **RETURN** button.
7. To go back to the **Playlist**, press the button.

✎ You can create a playlist with up to 99 tracks on Audio CDs (CD-DA).

✎ If you go to the Music List from the **Playlist**, and then return to the **Playlist**, the **Playlist** will start playing again from the beginning.

Ripping

1. Insert a USB device into the USB jack on the front of the product.
2. With the Playback screen displayed, use the ▲▼ buttons to select a track, and then press the **YELLOW (C)** button. A check appears to the left of the track.
3. Repeat Step 2 to select and check additional tracks.
4. To remove a track from the list, move to the track, and then press the **YELLOW (C)** button again. The check on the track is removed.
5. When done, press the **TOOLS** button. The **Tools** menu appears.
6. Use the ▲▼ buttons to select **Rip**, and then press the button. The **Rip** screen appears.
7. Use the ▲▼ buttons to select the device to store the ripped files on, and then press the button.

✎ Do not disconnect the device while ripping is in progress.

8. If you want to cancel ripping, press the button and then select **Yes**. Select **No** to continue ripping.
9. When ripping is complete, the "**Ripping completed.**" message appears.
10. Press the button to go back to the Playback screen.

✎ This function is not available for DTS Audio CDs.

✎ This function may not be supported by some discs.

✎ Ripping encodes music in the .mp3 format at 192kbps.

✎ On the Track list screen, you can choose **Select All** or **Deselect All**.

- Use **Select All** to select all tracks, and then press the button. This cancells your individual track selections.
- Use **Deselect All** to deselect all selected tracks at once.

Playing Photo Contents

You can play photo contents located on a DVD, USB, mobile device, or PC.

Using the Tools Menu

During playback, press the **TOOLS** button.

Start / Stop Slide Show
Select to play/pause the slide show.
Slide Show Speed
Select to adjust the slide show speed.
Background Music
Select to listen to music while viewing a slide show.
Zoom
Select to enlarge the current picture. (Enlarge up to 4 times)
Rotate
Select to rotate a picture. (This will rotate the picture either clockwise or counter clockwise.)
Information
Shows the picture information including the name and size, etc.

✎ Depending on the disc or storage device, the **Tools** menu may differ. All options may not be displayed.

✎ To enable the background music function, the photo file must be in the same storage media as the music file. However, the sound quality can be affected by the bit rate of the MP3 file, the size of the photo, and the encoding method.

Creating a Photo Playlist

You can create a photo playlist in nearly the same way you create a music playlist. See page 24 for instructions. Select photo files instead of music files.

Listening to the Radio

- To listen to the radio, you must connect the supplied FM antenna.

Operating the Radio with the Remote Control

1. Press the **FUNCTION** button to select **FM**.
2. Tune to the desired station.
   - **Preset Tuning 1** : Press the ◻ button to select **PRESET**, and then press the **TUNING UP**, **DOWN** button to select a preset station.
     - Before you can tune to preset stations, you must add preset stations to the product's memory.
   - **Manual Tuning** : Press the ◻ button to select **MANUAL**, and then press the **TUNING UP**, **DOWN** button to tune in to a lower or higher frequency.
   - **Automatic Tuning** : Press the ◻ button to select **MANUAL**, and then press and hold the **TUNING UP**, **DOWN** button to automatically search the band.

Setting Mono/Stereo

Press the **MO/ST** button.

- Each time you press the button, the sound switches between **STEREO** and **MONO**.
- In a poor reception area, select **MONO** for a clear, interference-free broadcast.

Presetting Stations

Example : Presetting FM 89.10 into memory.

1. Press the **FUNCTION** button to select **FM**.
2. Press the **TUNING UP**, **DOWN** button to select <89.10>.
3. Press the **TUNER MEMORY** button.
   - NUMBER flashes on the display.
4. Press the **TUNER MEMORY** button again.
   - Press the **TUNER MEMORY** button before NUMBER disappears from the display on its own.
   - After you press the **TUNER MEMORY** button, NUMBER disappears from the display and the station is stored in memory.
5. To preset another station, repeat steps 2 to 4.
   - To tune in to a preset station, press the **TUNING UP**, **DOWN** button.

Using Karaoke

You can enjoy the Karaoke with music.

1. Connect the microphone on the front of the product.
2. In the Home menu, select the **Settings**, and then press the ⏎ button.
3. Select the **Audio**, and then press the ⏎ button.
4. Select **My karaoke**, and then press the ⏎ button.
   - You can check the Karaoke score and adjust the volume of playback music's vocal.
   - Your Karaoke score is automatically displayed if **Karaoke scoring** is set to **On** and a microphone is connected. If you don't want to see the score, set **Karaoke scoring** to **Off**.
   - If you want to decrease the volume of the vocals in the original sound, select **Reduce Vocals** in **My karaoke** settings.

Recording

You can make a recording of karaoke with music.

1. During the playback, press the **TOOLS** button to select **Karaoke Recording**, and then press ⏎ button.
2. Press ◻ button if you want to finish recording.

3. When recording is done, KARAOKE folder is created in the USB storage driver and saved as the form of KARAOKE.mp3.

✎ To save recording file, USB storage driver must be inserted.

✎ Recording file is shown if you re-entry to **Photos, Videos**, and **Music**.

✎ If you hear strange noises (squealing or howling) while using the Karaoke feature, move the microphone away from the speakers. Turning down the microphone's volume or the speaker volume is also effective.

✎ The microphone does not operate in the **D. IN**, **AUX**, **FM** and **BT** mode.

✎ The karaoke scoring displays the score automatically when the **Karaoke scoring** is set to **On** and a microphone is connected. Disconnect the microphone if you do not want to display the score.

✎ The mic becomes available 10 seconds after the Home menu appears on the screen.

Using Bluetooth

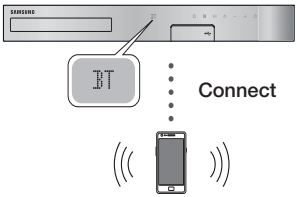
You can use a Bluetooth device to enjoy music with high quality stereo sound, all without wires!

What is Bluetooth?

Bluetooth is a technology that enables Bluetooth-compliant devices to interconnect with each other easily using a short, wireless connection.

- A Bluetooth device may hum or malfunction:
  - When a part of your body is in contact with the receiving/transmitting system of the Bluetooth device or the Home Cinema.
  - When it is subject to electrical variation from obstructions caused by a wall, corner, or office partitioning.
  - When it is exposed to electrical interference from same frequency-band devices including medical equipment, microwave ovens, and wireless LANs.
- Pair the Home Cinema with the Bluetooth device while the two are close together.
- The further the distance is between the Home Cinema and the Bluetooth device, the worse the quality is.
  If the distance exceeds the Bluetooth operational range, the connection is lost.
- In poor reception-sensitivity areas, the Bluetooth connection may not work properly.
- The Home Cinema has an effective reception range of up to 10 meters in all directions if there are no obstacles. The connection will be automatically cut off if the device is out of this range. Even within this range, the sound quality may be degraded by obstacles such as walls or doors.
- This wireless device may cause electrical interference. during its operation.

To Connect the Home Cinema to a Bluetooth Device



Bluetooth device

Before you begin, confirm that the Bluetooth device supports the Bluetooth compliant stereo headset function.

1. Press the **FUNCTION** button on the remote control to display the **BT** message.
2. Select the Bluetooth menu on the Bluetooth device you want to connect. For instructions, refer to the Bluetooth device's manual.
3. Select the Stereo headset menu on the Bluetooth device.
   - You will see a list of devices.
4. Select "**[HTS]HXXXXX**" from the searched list.
   - When the Home Cinema is connected to the Bluetooth device, the device name of the connected Bluetooth device, followed by the name of home cinema will appear on the front display of home cinema.

5. Play music on the connected device.
   - You can listen to the music playing on the connected Bluetooth device over the Home Cinema system.

✎ The Home Cinema only supports Middle Quality SBC data (up to 237kbps@48kHz), and does not support High Quality SBC data (328kbps@44.1kHz).

✎ The AVRCP feature is supported. It's functionality will differ, depending on the specifications of the connected device.

✎ Connect only to a Bluetooth device that supports the A2DP Profile.

✎ Only one Bluetooth device can be paired at a time.

✎ The search or connection functions may not work properly in the following cases:
   - If there a strong electric field near or around the home cinema.
   - If several Bluetooth devices are simultaneously paired with product.
   - If the Bluetooth device is turned off, not in place, or malfunctions.
   - Note that such devices as microwave ovens, wireless LAN adapters, fluorescent lights, and gas stoves use the same frequency range as the Bluetooth device, and can cause electric interference.

✎ For the good compatibility of Bluetooth or any other devices like Mobile Phone, we recommend you update the device's lastest version.

To Disconnect the Bluetooth Device from the Home Cinema

You can disconnect the Bluetooth device from the Home Cinema. For instructions, refer to the Bluetooth device's manual.

- When the Home Cinema is disconnected from the Bluetooth device, the Home Cinema will display **DISCONNECTED** on the front display.

To Disconnect the Home Cinema from the Bluetooth Device

Press the ( ) button on the front panel of the Home Cinema to switch from **BT** to another mode or turn off the Home Cinema.

- Except when you disconnect the Home Cinema by changing functions, the connected Bluetooth device will wait a certain time for a response from the Home Cinema before terminating the connection. (Disconnection time may differ, depending on the Bluetooth device.)

✎ In Bluetooth connection mode, the Bluetooth connection will be lost if the distance between the Home Cinema System and the Bluetooth device exceeds 10 meters. When the Bluetooth device comes back into effective range or you restart the Bluetooth device, you have to pair the device and home cinema again to reconnect.

✎ In Bluetooth mode, the screen saver will start if the Bluetooth device stays in the Ready state for 5 minutes. To reconnect the Bluetooth device, turn off the screen saver, and then connect the device. To turn off the screen saver, press any button on the remote control (the Volume button, a number button, etc.)

Using the Bluetooth Power On

When the home cinema is turned off, connecting your smart device to the product via a Bluetooth connection can turn the home cinema on.

✎ **Quick start** function is available when AC Power Cord is connected to AC Source.

✎ To use this function, set **Settings > System > Quick start** to **On**.

✎ To use this function, Bluetooth connection between the Home cinema and your smart device should have been established before. In other words, the Home cinema should be found from the list of known Bluetooth devices of your smart device.

1. Connect your smart device to the product via Bluetooth. (For information on Bluetooth connections, refer to your smart device's manual.)
2. Once connected, the home cinema will turn itself on automatically in BT mode.
   - Select the desired music to play on your smart device.

Using the Special Effects Remote Control Buttons

TV SOUND	

If you have a TV that supports Anynet+ (HDMI-CEC), the **TV SOUND** button lets you direct the TV's audio to the Home Cinema Speakers or the TV Speakers. To use, follow these steps:

1. Connect an HDMI cable to the TV and home cinema. (See page 11)
2. Set **Anynet+ (HDMI-CEC) On** in the home cinema and TV.
3. Press the **TV SOUND** button on the remote control. **TV SOUND ON** flashes on the display on the front panel, and then changes to **D. IN**.
   - When TV SOUND is on, TV audio outputs through the Home Cinema speakers.
4. Press the **TV SOUND** button again to turn TV SOUND off.
   - When TV SOUND is off, TV audio outputs through the speakers of the connected Anynet+ TV.

❑ **Use TV SOUND:**

1) When you want to listen to the TV's audio through the home cinema speakers.
2) When you want to listen to the audio from a USB device plugged into the TV through the home cinema speakers.

❑ **TV SOUND ON/OFF support specifications:**

Anynet+ (HDMI-CEC) Setting	TV Sound ON	TV Sound OFF
ON	HTS Speaker Output	HTS Speaker Mute
	TV Speaker Mute	TV Speaker Output
OFF	HTS Speaker Output	HTS Speaker Mute
	TV Speaker Output	TV Speaker Output
No Operation	HTS Speaker Output	HTS Speaker Mute
	TV Speaker Output	TV Speaker Output

DSP/EQ	

You can enjoy various sound mode.

- **DSPOFF** : Select for normal listening.
- **CINEMA** : Reproduces realistic and powerful sound for movie sources.
- **MUSIC** : Suitable for whole music sources.
- **GAME** : Suited for playing video games and produces powerful sound.
- **M-STEREO (Multi Stereo)** : Produces surround sound for 2 channel input sources.
- **POWER BASS** : Reinforce bass sound effect.
- **LOUD** : Improves bass sound characteristics according to output level.
- **NIGHT** : Optimizes to night by compress dynamic range (soft sound).

Using BD-LIVE™

1. Connect the product to the network. (See page 10)
2. Configure the network settings. (See pages 17~18)

Once the product is connected to your network, you can enjoy various movie-related service contents available on BD-LIVE compliant discs.

1. Attach a USB memory stick to the USB jack on the front of the product, and then use **BD Data Management** to check its remaining memory. The memory device must have at least 1GB of free space to accommodate the BD-LIVE services.
2. Select **Settings** on the Home screen, and then press the button.
3. Select **System**, and then press the button.
4. Select **BD Data Management**, and then press the button.
5. Select **Change Device**, and then press the button.
6. Select **USB DISK**, and then press the button.
7. Insert a Blu-ray Disc that supports BD-LIVE.
8. Select an item from the list of BD-LIVE service contents provided by the disc manufacturer.

✎ The way you use BD-LIVE and the provided contents may differ, depending on the disc manufacturer.

Using DLNA

DLNA lets you access and play files located on your PC through your home cinema.

Follow the directions in the DLNA user's guide to set up DLNA on your PC and to tag folders and files you want to share with the home cinema.

To access and play files located on your PC after you have setup DLNA, follow these steps:

1. Turn on your PC, your TV, and the home cinema.
2. Make sure the DLNA Shared server is running on your PC.
3. On your home cinema, select **Change Device**.
4. Use the ▲▼ button to select your PC in the Device List.
5. Select the kind of file you want to view or play, **Photos**, **Videos**, or **Music** and then press .
6. Use the ▲▼◄► button to select the folder with the kind of files you selected, and then press . The File List is displayed.
7. Select the file you want to view or play, and then press .

✎ You can create Playlists from files on your PC in the same way you create playlists from files on USB devices and discs.

✎ With a few exceptions, you can control the playback of files on your PC in the same fashion you control the playback of files on USB devices and discs.

✎ You can also access files on your PC by first selecting **Photos**, **Videos**, or **Music** on the Home screen, and then selecting your PC from the device list that appears.

Apps

Your home cinema offers an extensive collection of news, movies, weather, and other content you can download directly to and enjoy on your home cinema. First, check the network and make sure the home cinema is connected to the Internet. Your home cinema must be connected to the Internet to use the Apps feature.

The apps offered through the Apps feature work much like their on-line versions or, if different, are easy to use.

The apps require you to create accounts before you can use them. Although you can create an account at most of these sites through your home cinema, it is easier and quicker to create an account by visiting the sites on line using a PC, laptop, or tablet with Internet access. Note that in some cases, you will need to use the home cinema and a PC, laptop, or tablet to establish an account. The main difference between the regular on-line versions and the versions you can access through your home cinema is that with the home cinema versions, you use your remote to enter letters and numbers as opposed to a keyboard.

Using Apps

The first time you access any one of the apps, the home cinema displays two agreements. You must accept both agreements to download and use any apps.

By default, the home cinema displays four popular apps on the Home screen. You can view more apps and change the apps the home cinema displays on the Home screen by selecting the **More** button.

To start an app, highlight the app, double click it, and then follow the directions displayed on the screen.

Viewing Additional Apps

1. Select the **More** button on the Home screen, and then press the button. The More Apps screen appears displaying a bank of apps.
2. To view additional apps, move the highlight to the right or left until another group of apps appears.
3. To exit the More Apps screen, select **Close** or press the **RETURN** button or **EXIT** button on your remote.

Changing the Apps Displayed on the Home Screen

1. Select the **More** button, and then press the button.
2. Select the **Edit** button on the More Apps screen, and then press the button.
3. Apps that the home cinema displays on the Home page are marked with a check. Deselect apps you want to remove from the Home screen by highlighting each app, and then pressing the button.
4. Select apps by highlighting each app, and then pressing the button. A check mark appears on each app you select. You can have up to four apps selected at a time.
5. When done, select **OK**, and then press the button. The Home screen re-appears.

✎ To exit an application, press the **EXIT** button on your remote.

✎ To delete the login information for all Apps, press the button for 5 seconds or more.

Using Opera TV Store

At the **Opera TV Store**, you will find high-quality Internet video streaming, social network, and music streaming services.

Accessing Opera TV Store

To access **Opera TV Store**, select the **Opera TV Store** button on the Home screen, and then press the button.

To exit the **Opera TV Store** screen, press the **EXIT** or **RETURN** button on your remote.

Navigating in Opera TV Store

When the **Opera TV Store** screen appears, it displays a bank of assorted apps. Use the ▲▼◄► buttons on your remote to move the highlight from app to app.

Selecting an App

Move the highlight to the app you want, and then press the button.

In the pop-up that appears, select **OPEN** to open the app immediately or **ADD TO MY APPS** to add the app to **My Apps**. Press the **RETURN** button on your remote to go back to the **Opera TV Store** screen.

Selecting Apps by Category

To make searching for apps easier, you can view apps by categories such as **Popular**, **Watch**, **Listen**, **Play**, etc.

To select a category, use the ▲ button on your remote to move the highlight to the top of the screen.

Then, use the◄► buttons to select a category.

Using the My Apps Screen

To access the **My Apps** screen, highlight **MY APPS**, and then press the button. The **My Apps** screen appears displaying all the apps you have saved with the **My Apps** designation.

Deleting Apps from My Apps

1. Highlight the **MENU** button on the top of the **My Apps** screen, and then press the button on your remote.
2. Select **REMOVE APPS** in the menu, and then press the button. A red rectangle appears around one of the apps.
3. Move the rectangle to the app you want to delete, and then press the button.
4. Repeat this process to delete additional apps.
5. When finished, select **DONE**, and then press the button.
6. Press the **RETURN** button to go back to the Main screen.

Searching for Apps

1. Select **SEARCH** at the top of the screen, and then press the button.
2. To search quickly for popular items, click one of the popular search tabs at the top of the screen.
3. To search for an app by name, enter the app name using the onscreen keyboard. **Opera TV Store** will search as you type and display apps with names that match the letters you enter.
   - To cancel a current search, press the **RETURN** button on your remote or select **BACK** on the screen, and then press .

Additional Information

Notes

Connections

HDMI OUT

- Certain HDMI output resolutions may not work, depending on your TV.
- You must have an HDMI connection to enjoy videos with 3D technology.
- A long HDMI cable may cause screen noise. If this occurs, set **HDMI Deep Colour** to **Off** in the menu.

Settings

3D Settings

- For some 3D discs, to stop a movie during 3D playback, press the ■ button once. The movie stops and the 3D mode option is de-activated. To change a 3D option selection when you are playing a 3D movie, press the ■ button once. The Blu-ray menu appears. Press the ■ button again, then select **3D Settings** in the Blu-ray menu.
- Depending on the content and the position of the picture on your TV screen, you may see vertical black bars on the left side, right side, or both sides.

TV Aspect Ratio

- Depending on the disc type, some aspect ratios may not be available.
- If you select an aspect ratio and option which is different than the aspect ratio of your TV screen, the picture might appear to be distorted.
- If you select **16:9 Original**, your TV may display **4:3 Pillarbox** (black bars on the sides of the picture).

BD Wise (Samsung Products only)

- When **BD Wise** is on, the **Resolution** setting automatically defaults to BD Wise and BD Wise appears in the **Resolution** menu.
- If the product is connected to a device that does not support **BD Wise**, you cannot use the **BD Wise** function.
- For proper operation of **BD Wise**, set the **BD Wise** option in both the product and the TV to **On**.

Digital Output

- Be sure to select the correct **Digital Output** or you will hear no sound or just loud noise.
- If the HDMI device (AV receiver, TV) is not compatible with compressed formats (Dolby Digital, DTS), the audio signal outputs as PCM.
- Regular DVDs do not have BONUSVIEW audio and Navigation Sound Effects.
- Some Blu-ray Discs do not have BONUSVIEW audio and Navigation Sound Effects.
- This **Digital Output** setup does not affect the analogue (L/R) audio or HDMI audio output to your TV.
  It affects the optical and HDMI audio output when your product is connected to an AV receiver.
- If you play MPEG audio soundtracks, the audio signal outputs as PCM regardless of your **Digital Output** selections (PCM or Bitstream).
- **Digital Output** can be activated when **Speaker Selection** is set to **TV Speaker**.

BD-Live Internet Connection

- The Internet connection may be restricted while you are using BD-LIVE contents.

Anynet+ (HDMI-CEC)

- Depending on your TV, certain HDMI output resolutions may not work. Please refer to the user manual of your TV.
- This function is not available if the HDMI cable does not support CEC.
- If your Samsung TV has an Anynet+ logo, then it supports the Anynet+ function.

BD Data Management

- In the external memory mode, disc playback may be stopped if you disconnect the USB device in the middle of playback.
- Only those USB devices formatted in the FAT file system (DOS 8.3 volume label) are supported. We recommend you use USB devices that support the USB 2.0 protocol with 4 MB/sec or faster read/write speeds.
- The **Resume** Play function may not work after you format the storage device.
- The total memory available to **BD Data Management** may differ, depending on conditions.

DivX® Video On Demand

- For more information about DivX(R) VOD, visit “http://vod.divx.com”.

Speaker Settings

- When **Speaker Selection** is set to **TV Speaker**, audio is produced by the TV speakers.

HDMI audio

- When HDMI audio is output to the TV speakers, it is automatically down-mixed to 2 channels.

Audio Return Channel

- When **Anynet+ (HDMI-CEC)** is **Off**, the **Audio Return Channel** function is not available.
- Using an HDMI cable not certified for ARC (Audio Return Channel) may cause a compatibility problem.
- The ARC function is only available if an ARC-compliant TV is connected.

Playback

Playing Video files

- Video files with high bit rates of 20Mbps or more strain the product's capabilities and may stop playing during playback.

Selecting the Audio Language

- The ◄► indicator will not appear on the screen if the BONUSVIEW section does not contain any BONUSVIEW audio settings.
- The languages available through the Audio Language function depend on the languages that are encoded on the disc. This function or certain languages may not be available.
- Some Blu-ray Discs may allow you to select either the PCM or Dolby Digital audio English soundtrack.

Selecting the Subtitle Language

- Depending on the Blu-ray Disc / DVD, you may be able to change the subtitle language in the Disc Menu. Press the **DISC MENU** button.
- This function depends on the selection of subtitles that are encoded on the disc and may not be available on all Blu-ray Discs/DVDs.
- Information about the main feature BONUSVIEW mode will also appear if the Blu-ray Disc has a BONUSVIEW section.
- This function changes both the primary and secondary subtitles at the same time.
- The total number of primary and secondary subtitles, respectively, is displayed.

Playing JPEG files

- You can't enlarge the subtitle and PG graphics in the full screen mode.

Playing Content

Using the TOOLS button while playing pictures

- If the home cinema is connected to a BD Wise compliant TV that has **BD Wise On**, the **Picture Settings** menu will not appear.
- The **Background Music** function will not work unless the music file and the photo file are located on the same storage media. Also, sound quality can be impacted by the bit rate of the MP3 music file, the size of the photos, and the encoding method.

Disk and Format Compatibility

Disc types and content your Product can Play

Media	Disc Type	Details
VIDEO	Blu-ray Disc 3D Blu-ray Disc	BD-ROM or BD-RE/-R disc recorded in the BD-RE format.
	DVD-VIDEO, DVD-RW, DVD-R, DVD+RW, DVD+R	DVD-VIDEO, recorded DVD+RW/DVD-RW(V)/ DVD-R/+R discs that have been recorded and finalised, or a USB storage media containing DivX, MKV, MP4 contents.
MUSIC	CD-RW/-R, DVD-RW/-R, BD-RE/-R	Music recorded on CD-RW/-R, DVD-RW/-R, BD-RE/-R discs or a USB storage media containing MP3 or WMA contents.
PHOTO	CD-RW/-R, DVD-RW/-R, BD-RE/-R	Photos recorded on CD-RW/-R, DVD-RW/-R, BD-RE/-R discs or a USB storage media containing JPEG contents.

✎ The product may not play certain CD-RW/-R and DVD-R because of the disc type or recording conditions.

- If a DVD-RW/-R disc has not been recorded properly in DVD video format, it will not be playable.
- Your product will not play content that has been recorded on a DVD-R at a bit rate that exceeds 10 Mbps.
- Your product will not play content that has been recorded on a BD-R or USB device at a bit rate that exceeds 30 Mbps.
- Playback may not work for some types of discs, or when you use specific operations, such as angle change and aspect ratio adjustment. Information about the discs is written in detail on the disc box. Please refer to this if necessary.
- When you play a BD-J title, loading may take longer than a normal title or some functions may perform slowly.

Disc Types your Product cannot Play

- HD DVD
- DVD-ROM/PD/MV-Disc, etc
- DVD-RW(VR mode)
- CVD/CD-ROM/CDV/ CD-G/CD-I/LD (CD-Gs play audio only, not graphics.)
- DVD-RAM
- Super Audio CD (except CD layer)
- 3.9 GB DVD-R Disc for Authoring.

- This product may not respond to all operating commands because some Blu-ray Disc, DVD, and CD discs allow specific or limited operation and provide only certain features during playback. Please note that this is not a defect in the product.
- Samsung cannot guarantee that this product will play every disc bearing the Blu-ray Disc, DVD, or CD logo because disc formats evolve, and problems and errors may occur during the creation of Blu-ray Disc, DVD, and CD software and/or the manufacture of discs.
- Please contact the SAMSUNG Customer Care Centre at, if you have questions or encounter difficulty when playing Blu-ray Disc, DVD, or CD discs in this product. Also, refer to rest of this user manual for additional information on playback restrictions.
- Some commercial discs and DVD discs purchased outside your region may not play on this product.

Logos of Discs the Product can Play

Blu-ray Disc	3D Blu-ray Disc
BD-LIVE	Dolby
DTS	Java
PAL broadcast system in U.K, France, Germany, etc.	DivX

Region Code

Both products and discs are coded by region. These regional codes must match for a disc to play. If the codes do not match, the disc will not play.
The Region Number for this product is displayed on the rear panel of the product.

Disc Type	Region Code	Area
Blu-ray Disc	A	North America, Central America, South America, Korea, Japan, Taiwan, Hong Kong and South East Asia.
	B	Europe, Greenland, French territories, Middle East, Africa, Australia and New Zealand.
	C	India, China, Russia, Central and South Asia.

DVD-VIDEO		The U.S., U.S. territories and Canada
		Europe, Japan, the Middle East, Egypt, Africa, Greenland
		Taiwan, Korea, the Philippines, Indonesia, Hong Kong
		Mexico, South America, Central America, Australia, New Zealand, Pacific Islands, Caribbean
		Russia, Eastern Europe, India, North Korea, Mongolia
		China

✎ If the Region number of a Blu-ray Disc/DVD does not correspond to the Region number of this product, the product cannot play the disc.

AVCHD (Advanced Video Codec High Definition)

- This product can play back AVCHD format discs. These discs are normally recorded and used in camcorders.
- The AVCHD format is a high definition digital video camera format.
- The MPEG-4 AVC/H.264 format compresses images with greater efficiency than the conventional image compressing format.
- Some AVCHD discs use the "x.v.Colour" format. This product can play back AVCHD discs that use the "x.v.Colour" format.
- "x.v.Colour" is a trademark of Sony Corporation.
- "AVCHD" and the AVCHD logo are trademarks of Matsushita Electronic Industrial Co., Ltd. and Sony Corporation.

✎ Some AVCHD format discs may not play, depending on the recording conditions.

✎ AVCHD format discs need to be finalised.

✎ "x.v.Colour" offers a wider colour range than normal DVD camcorder discs.

✎ Some DivX, MKV and MP4 format discs may not play, depending on their video resolution and frame rate.

Supported Formats

Notes on the USB connection

- Your product supports USB storage media, MP3 players, digital cameras, and USB card readers.
- The product does not support folder or file names longer than 128 characters.
- Some USB/digital camera devices may not be compatible with the product.
- Your product supports the FAT 16, FAT 32, and NTFS file systems.
- Connect USB devices directly to the product's USB port. Connecting through a USB cable may cause compatibility problems.
- Inserting more than one memory device into a multi-card reader may cause the reader to operate improperly.
- The product does not support the PTP (Peer to Peer) protocol.
- Do not disconnect a USB device while it is transferring or recording data.
- The bigger the image resolution, the longer the image takes to display.
- This product cannot play MP3 files with DRM (Digital Rights Management) downloaded from commercial sites.
- Your product only supports video that is under 30fps (frames per second).
- Your product only supports USB Mass Storage Class (MSC) devices such as thumb drives and USB HDD. (HUB is not supported.)
- Certain USB HDD Devices, multi-card readers and thumb drives may not be compatible with this product.
- If some USB devices require excessive power, they may be limited by the circuit safety device.
- If playback from a USB HDD is unstable, provide additional power by plugging the HDD into a wall socket. If the problem continues, contact the USB HDD manufacturer.
- SAMSUNG is not responsible for any data file damage or data loss.

Video File Support

File Extension	Container	Video Codec	Audio Codec	Resolution
*.avi	AVI	DivX 3.11/4/5/6 MP4v3 H.264 BP/MP/HP	MP3, Dolby Digital, DTS, WMA, PCM	1920x1080
*.mkv	MKV	VC-1 AP, DivX 5/6 H.264 BP/MP/HP	MP3, Dolby Digital, DTS	
*.wmv	WMV (wmv9)	VC-1 AP, VC-1 SM	WMA	
*.mp4	MP4	MP4 (mp4v) H.264 BP/MP/HP	AAC	
*.mpg / *.mpeg	PS	MPEG1 MPEG2 H.264 BP/MP/HP	MP1, 2 Dolby Digital, DTS	

▪ Limitations

- Even when a file is encoded by a supported codec listed above, the file might not play if its content has a problem.
- Normal playback is not guaranteed if the file's container information is wrong or the file itself is corrupted.
- Files having a higher bit rate/frame rate than standard may stutter during sound/video playback.
- The Seek (skip) function is not available if the file's index table is damaged.

▪ Video decoder

- Supports up to H.264 Level 4.1 and AVCHD
- Does not support H.264 FMO/ASO/RS and VC1 SP/MP/AP L4
- MPEG4 SP, ASP : Below 1280 x 720 : 60 frames max
  Above 1280 x 720 : 30 frames max
- Does not support GMC 2 or higher

▪ Audio decoder

- Supports WMA 7, 8, 9 and STD
- Does not support WMA sampling rate of 22050Hz mono.
- AAC: Max sampling rate: 96Khz (8, 11, 12, 16, 22,24, 32,44.1, 48, 64, 88.2, 96) Max bit rate: 320kbps

▪ Supported DivX subtitle file formats

- *.ttxt, *.smi, *.srt, *.sub, *.txt

Music File Support

File Extension	Container	Audio Codec	Support Range
*.mp3	MP3	MP3	-
*.wma	WMA	WMA	* Sampling rates (in kHz) - 8, 11, 16, 22, 32, 44.1, 48 * Bit rates - All bit rates from 5kbps to 384kbps

Picture File Support

File Extension	Type	Resolution
*.jpg / *.jpeg / *.jpe	JPEG	15360x8640
*.png	PNG	

Digital Output Selections

Setup		PCM	Bitstream (Unprocessed)	Bitstream (Re-encoded DTS)	Bitstream (Re-encoded Dolby D)
Connection		HDMI supported AV receiver			
Audio Stream on Blu-ray Disc	PCM	Up to PCM 7.1ch	PCM	DTS re-encoded	Re-encoded Dolby Digital *
	Dolby Digital	Up to PCM 5.1ch	Dolby Digital		
	Dolby Digital Plus	Up to PCM 5.1ch	Dolby Digital Plus		
	Dolby TrueHD	Up to PCM 5.1ch	Dolby TrueHD		
	DTS	Up to PCM 5.1ch	DTS		
	DTS-HD High Resolution Audio	Up to PCM 5.1ch	DTS-HD High Resolution Audio		
	DTS-HD Master Audio	Up to PCM 5.1ch	DTS-HD Master Audio		
Audio Stream on DVD	PCM	PCM 2ch	PCM 2ch	PCM 2ch	PCM 2ch
	Dolby Digital	Up to PCM 5.1ch	Dolby Digital	Dolby Digital	Dolby Digital
	DTS	Up to PCM 5.1ch	DTS	DTS	DTS
Definition for Blu-ray Disc	Any	Decodes the main feature audio and BONUSVIEW audio stream together into PCM audio and adds Navigation Sound Effects.	Outputs only the main feature audio stream so that your AV receiver can decode the audio bitstream. You will not hear BONUSVIEW audio or Navigation Sound Effects.	Decodes the main feature audio and BONUSVIEW audio stream together into PCM audio and adds Navigation Sound Effects, then re-encodes the PCM audio into DTS bitstream.	Decodes the main feature audio and BONUSVIEW audio stream together into PCM audio and adds Navigation Sound Effects, then re-encodes the PCM audio into Dolby Digital bitstream or PCM.

▪ If the Source Stream is 2ch or mono, "Re-encoded Dolby D" Setting are not applied. Output will be PCM 2ch.

Blu-ray Discs may include three audio streams :

- Main Feature Audio : The audio soundtrack of the main feature.
- BONUSVIEW audio : An additional soundtrack such as the director or actor's commentary.
- Navigation Sound Effects : When you choose some menu navigation options, Navigation Sound Effects may sound. Navigation Sound Effects are different on each Blu-ray Disc.

Resolution according to the output mode

Blu-ray Disc/E-contents/Digital Contents playback			DVD playback
Setup \ Output	HDMI Mode		HDMI Mode
	Blu-ray Disc	E-contents/ Digital contents	
BD Wise	Resolution of Blu-ray Disc	1080p@60F	480i
Auto	Max. Resolution of TV input		Max. Resolution of TV input
1080p@60F	1080p@60F		-
1080p	-		1080p
Movie Frame : Auto (24Fs)	1080p@24F		-
1080i	1080i		1080i
720p	720p		720p
576p/480p	576p/480p		576p/480p

Troubleshooting

Refer to the table below when this product does not function properly. If the problem you are experiencing is not listed below or if the instructions below do not help, turn off the product, disconnect the power cord and contact the nearest authorized dealer or Samsung Electronics Service Centre.

Symptom	Check/Remedy
You cannot eject the disc.	• Is the power cord plugged securely into the outlet? • Turn off the power, and then turn it back on.
Playback does not start.	• Check the region number of the Blu-ray/DVD disc. Blu-ray/DVD disc purchased from abroad may not be playable. • CD-ROMs and DVD-ROMs cannot be played on this product. • Make sure that the rating level is correct.
Playback does not start immediately when you press the ▶/⏸ button.	• Are you using a deformed disc or a disc with scratches on the surface? • Wipe the disc clean.
No sound.	• The home cinema does not play sound during fast playback, slow playback, and step motion playback. • Are the speakers connected properly? Is the speaker setup correctly customized? • Is the disc severely damaged?
You can only hear sound from a few speakers, but not all 6.	• On certain Blu-ray/DVD discs, sound is output from the front speakers only. • Check if the speakers are connected properly. • Adjust the volume. • When playing audio from a CD, the radio, or a TV, the unit outputs sound to the front speakers only.

Symptom	Check/Remedy
Dolby Digital 5.1 CH Surround Sound is not produced.	• Is there "Dolby Digital 5.1 CH" mark on the disc? Dolby Digital 5.1 CH Surround Sound is produced only if the disc is recorded with 5.1 channel sound. • Is the audio language correctly set to Dolby Digital 5.1-CH in the information display?
The remote control does not work.	• Are you operating the remote within its operational range and within the proper angle relative to the sensor? • Are the batteries drained? • Have you selected the mode (TV/BD) functions of the remote control (TV or BD) correctly?
• **The disc is rotating but there is no picture.** • **Picture quality is poor and the picture is shaking.**	• Is the TV power on? • Are the video cables connected properly? • Is the disc dirty or damaged? • A poorly manufactured disc may not be playable.
Audio language and subtitles do not work.	• The Audio Language and subtitle functions will not work if the disc does not contain multiple language sound tracks or subtitles.
The menu screen does not appear even when you select the menu function.	• Are you using a disc that does not contain menus?
The aspect ratio cannot be changed.	• You can play 16:9 Blu-ray/DVD discs in 16:9 Full mode, 4:3 Letter Box mode, or 4:3 Pan-Scan mode, but 4:3 Blu-ray/DVD discs are played in 4:3 mode only. Refer to the Blu-ray Disc jacket, and then select the appropriate function.
• **The product is not working. (Example: The power goes off or you hear a strange noise.)** • **The Product is not working normally.**	• Press and hold the remote control's ■ button for 5 seconds in STANDBY mode. This will reset the unit. - Using the RESET function will erase all stored settings. Do not use this function unless necessary.
You have forgotten the rating level password.	• With no disc in the product, press and hold the product's ■ button for longer than 5 seconds. **INIT** appears on the display and all settings will return to their default values. - Using the RESET function will erase all stored settings. Do not use this function unless necessary.
Can't receive radio broadcasts.	• Is the antenna connected properly? • If the antenna's input signal is weak, install an external FM antenna in an area with good reception.
There is no sound when you try to listen to TV audio through the home cinema speakers.	• If you press the ▲ button while listening to TV audio using the **D. IN** or **AUX** functions, the Blu-ray/DVD disc functions are turned on and the TV audio is muted.

Symptom	Check/Remedy
"Not Available" appears on screen.	• The features or action cannot be completed at this time because: 1. The Blu-ray/DVD disc's software restricts it. 2. The Blu-ray/DVD disc's software doesn't support the feature (e.g., angles) 3. The feature is not available at the moment. 4. You've requested a title or chapter number or search time that is out of range.
If the HDMI output is set to a resolution your TV cannot support (for example, 1080p), you may not see a picture on your TV.	• Press and hold the ■ button on front panel for more than 5 seconds with no disc in the product. All settings will revert to their factory settings.
No HDMI output.	• Check the connection between the TV and the HDMI jack of the product. • Check if your TV supports 576p/480p/720p/1080i/1080p HDMI input resolution.
Abnormal HDMI output appears on the screen.	• If random noise appears on the screen, it means that TV does not support HDCP (High-bandwidth Digital Content Protection).
DLNA function	
You can see folders shared through DLNA, but cannot see the files.	• DLNA shows only Photo, Music, and Movie files. It does not display other kinds of files.
Video plays intermittently.	• Check if the network is stable. • Check if the network cable is properly connected and if the network is overloaded.
The DLNA connection between the TV and PC is unstable.	• IP addresses under the same subnetwork should be unique, otherwise IP collision can cause an unstable connection. • Check if you have a firewall enabled. If so, disable the firewall function.
BD-LIVE	
The home cinema cannot connect to the BD-LIVE server.	• Test whether the network connection is active by using the **Network Status** function. • Check whether a USB memory device is connected to the product. • The memory device must have at least 1GB of free space to accommodate the BD-LIVE service. You can check the available size in **BD Data Management**. (See page 33) • See if the **BD-Live Internet Connection** option is set to **Allow(All)**. • If all above fails, contact the contents provider or update to the latest firmware.
When using the BD-LIVE service, an error occurs.	• The USB memory device must have at least 1GB of free space to accommodate the BD-LIVE service. You can check the available size in **BD Data Management**. (See page 33)

✎ When the factory default settings are restored, all stored user BD data is deleted.

Specifications

General	Weight	1.90 kg			
	Dimensions	430.0 (W) x 55.0 (H) x 224.0 (D) mm			
	Operating Temperature Range	+5°C to +35°C			
	Operating Humidity Range	10 % to 75 %			
FM Tuner	Signal/noise ratio	55 dB			
	Usable sensitivity	12 dB			
	Total harmonic distortion	1.0 %			
HDMI	Video	1080p, 1080i, 720p, 576p/480p			
	Audio	PCM multichannel audio, Bitstream audio, PCM audio			
Amplifier	Front speaker output	80W x 2 (3Ω)			
	Centre speaker output	80W (3Ω)			
	Surround speaker output	80W x 2 (3Ω)			
	Subwoofer speaker output	100W (3Ω)			
	Frequency response	Analogue input : 20Hz~20kHz (±3dB)			
		Digital input : 20Hz~40kHz (±4dB)			
	S/N Ratio	70dB			
	Channel separation	60dB			
	Input sensitivity	(AUX) 500mV			
Speaker	Speaker system	5.1ch speaker system			
		Front	Surround	Centre	Subwoofer
	Impedance	3 Ω	3 Ω	3 Ω	3 Ω
	Frequency range	200Hz ~ 20kHz	200Hz ~ 20kHz	200Hz ~ 20kHz	50Hz ~ 200Hz
	Output sound pressure level	84dB/W/M	84dB/W/M	84dB/W/M	84dB/W/M
	Rated input	80W	80W	80W	100W
	Maximum input	160W	160W	160W	200W

Speaker	Dimensions (W x H x D) (Unit : mm)	**HT-H4500K**			
		77.0 x 107.0 x 68.0	77.0 x 107.0 x 68.0	228.0 x 77.0 x 70.0	155.0 x 300.0 x 285.0
		HT-H4530K			
		89.0 x 1053.0 x 71.0 (Stand base: 230.0 x 230.0 x 23.8)	77.0 x 107.0 x 68.0	228.0 x 77.0 x 70.0	155.0 x 300.0 x 285.0
	Weights (Unit : kg)	**HT-H4500K**			
		0.35	0.35	0.49	2.89
		HT-H4530K			
		2.93	0.35	0.49	2.89

✎ Network speeds equal to or below 10Mbps are not supported.

✎ Samsung Electronics Co., Ltd reserves the right to change the specifications without notice.

✎ Weight and dimensions are approximate.

✎ Design and specifications are subject to change without prior notice.

✎ For the power supply and Power Consumption, refer to the label attached to the product.

Licences

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ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.
DivX Certified® to play DivX® video up to HD 1080p, including premium content.
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Covered by one or more of the following U.S. patents : 7,295,673; 7,460,668; 7,515,710; 7,519,274

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This product uses Cinavia technology to limit the use of unauthorized copies of some commercially-produced film and videos and their soundtracks. When a prohibited use of an unauthorized copy is detected, a message will be displayed and playback or copying will be interrupted.
More information about Cinavia technology is provided at the Cinavia Online Consumer Information Centre at http://www.cinavia.com. To request additional information about Cinavia by mail, send a postcard with your mailing address to: Cinavia Consumer Information Centre, P.O. Box 86851, San Diego, CA, 92138, USA."
This product incorporates proprietary technology under licence from Verance Corporation and is protected by U.S. Patent 7,369,677 and other U.S. and worldwide patents issued and pending as well as copyright and trade secret protection for certain aspects of such technology. Cinavia is a trademark of Verance Corporation. Copyright 2004-2010 Verance Corporation. All rights reserved by Verance. Reverse engineering or disassembly is prohibited.

- Open Source Licence Notice

In the case of using open source software, Open Source Licences are available on the product menu.

HT-H4500K
HT-H4530K

5.1 聲道 Blu-ray ™ 家庭娛樂系統

使用說明書

無窮想象 **無限可能**

感謝您購買三星產品。
欲享受更加全面的服務，請到以下網站注册您的產品：
www.samsung.com/register

SAMSUNG

安全資訊

注意

有觸電的危險，請勿打開。

注意：為了降低觸電的危險，請勿取下前蓋 (或後蓋)。本機內部沒有使用者可以自行維修的部件。所有維修工作應由有資格的人員完成。

此符號表示內部存在高電壓。以任何形式接觸本產品的任何內部部件都很危險。

此符號表示本產品隨附有關操作和維護的重要資料。

- 外殼中以及背面和底部留有插槽和開口，用於進行必要的通風。為了確保本裝置的操作可靠，以及為了避免它過熱，不要阻擋或遮蓋這些插槽和開口。
  - 不要將本裝置放置在狹窄的空間中，例如書櫃或內嵌式櫥櫃，除非能夠提供適宜的通風。
  - 不要將本裝置放置在散熱器或加熱器附近或上方，也不要將它放置在陽光直射到的位置。
  - 不要將盛有水的容器 (花瓶等) 放置在本裝置上。水濺出來可能引發火災或導致觸電。
- 不要讓本裝置受雨淋或將它放置在水邊 (浴缸，洗臉盆，廚房洗滌池或洗衣盆附近，潮濕的地下室中或游泳池附近等等)。如果本裝置意外變濕，請立即拔下電源插頭並與授權經銷商聯絡。
- 本裝置使用電池。您所在的社區中，可能有環境法規要求您正確處理電池。請與您當地的民政局聯絡，瞭解處置或回收資訊。
- 不要使牆上插座，延長線或轉接器的負載超出其容量，因為這可能會引發火災或導致觸電。
- 精心排佈電源線，使得它們不會被踩踏或被放置於其上的物品壓到。應特別注意插頭端子處，牆上插座處以及從裝置中伸出處的電線。
- 為了保護本裝置免受雷暴襲擊，或者當長時間無人看管或不使用本裝置時，請從牆上插座拔下電源插頭，並斷開天線或纜線系統的連接。這樣一來，便可以防止閃電和電源線浪湧損傷裝置。
- 在將交流電源線連接至直流電源轉接器插座之前，請確保直流電源轉接器的電壓額定值與當地的電源相稱。
- 千萬不要將任何金屬物品插入本裝置的有縫隙的部件中。這樣做會造成觸電的危險。
- 為了避免觸電，千萬不要觸摸本裝置的內部。只應該由有資格的技術人員打開本裝置。
- 插入電源插頭時，請確保它已牢固地插入到位。從牆上插座拔下電源插頭時，要捏住電源插頭將其拔出。千萬不要拉電源線來拔出電源插頭。不要用濕手觸摸電源線。
- 如果本裝置工作不正常 (尤其是在它發出異常的聲音或異味時)，請立即拔下電源插頭並與授權經銷商或服務中心聯絡。
- 外殼維護
  - 在將其他組件連接到本產品前，請確保將它們關閉。
  - 如果您突然將產品從很冷的地方搬到很暖和的地方，則可能會在操作部件和鏡頭上產生冷凝，從而導致光碟播放異常。如果發生這種情況，請拔下播放機的電源插頭，等待兩個小時，然後再將插頭連接至電源插座。然後再次插入光碟並嘗試播放。
- 如果產品將長時間不使用或您要長時間出門，請從電源插座拔下產品的電源插頭 (尤其是兒童，老人或行動不便的人將獨自留在家中時）。
  - 灰塵堆積會使得電源線冒火花，發熱或絕緣效能下降，從而可能導致觸電，漏電或引發火災。
- 如果您要將產品安裝在灰塵大，高溫或低溫，有化學物質的位置或要它全天候工作的場所 (例如機場，火車站等)，請與授權服務中心聯絡，瞭解相關資訊。如果不明所以，可能導致產品嚴重損壞。
- 僅使用恰當接地的插頭和牆上插座。
  - 接地不當可能導致觸電或裝置損壞。(僅限 I 類裝置。)
- 若要徹底關閉本裝置，必須從牆上插座拔下電源插頭。因此，牆上插座和電源插頭必須一直保持方便拔插。
- 不要讓兒童靠在產品上 。

- 將配件 (電池等) 安全地貯藏在兒童夠不著的位置。
- 不要將產品安裝在不平穩的位置 (例如搖搖晃晃的架子或傾斜的地板) 或會震動的位置。
- 不要使產品摔到地上，也不要敲擊產品。如果產品受損，請拔下電源插頭並與服務中心聯絡。
- 若要清潔本裝置，請從牆上插座拔下電源插頭，然後用柔軟，乾燥的布料擦拭產品。不要使用任何化學品，例如蠟，苯，酒精，稀釋劑，殺蟲劑，空氣清新劑，潤滑劑或洗滌劑。這些化學品可能會損傷產品外觀或擦掉印在產品上的內容。
- 本裝置不可遭受水滴或濺到水。不要在本裝置上放置任何盛有液體的物體 (例如花瓶)。
- 不要通過焚燒的方式處置電池。
- 不要將多個電氣裝置插入同一個牆上插座中。插座過載會導致它過熱，從而引發火災。
- 如果用錯誤的電池型別更換在遙控器中使用的電池，則存在爆炸的危險。僅用相同或相等型別的電池更換。

警告：

- 為了避免火勢蔓延，一律要使蠟燭和其他有明火的物品遠離產品。

1 級雷射產品

本產品歸類為 1 級雷射產品。若未能按照此手冊的規定進行控制，調校或使用程序的效能，則可能暴露於有害輻射之中。

注意：

- 當本機打開並且互鎖失敗時，會有看不見的鐳射輻射，請避免直接暴露在光束下。

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT
PRODUCTO	LÁSER CLASE 1

使用 3D 功能

3D 圖片的重要健康和安全資訊。使用 3D 功能之前，請閱讀並理解以下安全資訊。

- 有些觀眾觀看 3D 電視機時可能會遇到不適，例如頭暈，噁心和頭疼。如果您遇到任何這類症狀，請停止觀看 3D 電視機，摘下 3D 有源眼鏡並休息。
- 長時間觀看 3D 影像可能導致眼睛疲勞。如果您感到眼睛疲勞，請停止觀看 3D 電視，摘下 3D 有源眼鏡並休息。
- 成人應負責經常檢查使用 3D 功能的兒童。如果報告有任何眼睛疲勞，頭疼，頭暈或噁心，讓孩子停止觀看 3D 電視並休息。
- 請勿將 3D 有源眼鏡用於其他用途，例如一般眼鏡，太陽鏡，護目鏡等。
- 步行或走動時請勿使用 3D 功能或 3D 有源眼鏡，否則可能導致您碰到物品，絆倒和/或跌倒，並造成嚴重的人身傷害。
- 如果要欣賞 3D 內容，請使用高速 HDMI 纜線將 3D 裝置 (相容於 3D 的影音接收器或電視機) 連接到產品的 HDMI OUT (HDMI 輸出) 埠。在播放 3D 內容之前先戴上 3D 有源眼鏡。
- 本產品只透過連接到 HDMI OUT (HDMI 輸出) 埠的 HDMI 纜線輸出 3D 信號。
- 在 3D 播放模式中的視頻解析度固定為原始 3D 視頻的解析度。不能變更解析度。
- 有些功能 (例如 BD Wise，螢幕大小調整和解像度調整) 在 3D 播放模式下可能無法正常使用。
- 您必須使用高速 HDMI 纜線才可正確輸出 3D 訊號。
- 在觀看 3D 影像時，至少要與電視保持三倍於螢幕寬度的距離。例如，如果螢幕為 46 英寸，則至少與螢幕保持 3.5 公尺的距離。
- 將 3D 視訊螢幕置於平視高度時，3D 影像的效果最佳。
- 本產品連接到某些 3D 裝置時，3D 效果可能無法正常運作。
- 本產品不會將 2D 內容轉換為 3D。
- “Blu-ray 3D”和“Blu-ray 3D”徽標是 Blu-ray Disc Association 的商標。

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- **本使用說明書中的圖片和圖解僅供參考，可能與實際的產品外觀有所不同。**
- **如果出現以下任一情況可能會收取管理費**
  a. 您致電請來工程師但產品沒有缺陷 (即您未能認真閱讀本使用說明書)
  b. 您將裝置帶到維修中心但產品沒有缺陷 (即您未能仔細閱讀本使用說明書)。
- **在進行任何工作或到府之前，我們將告知您這類管理費的金額。**

檢查包裝箱中是否包含下面列出或顯示的配件和揚聲器元件。

附件

- 遙控器
- 使用說明書
- 電池

電源線

FM 天線

HDMI 纜線

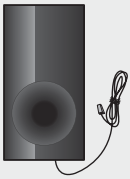
音箱組件

HT-H4500K

前置 x 2

環繞音箱 x 2

中置音箱



重低音音箱

HT-H4530K

前置 x 2

支架 x 2

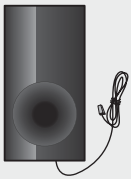
支架基座 x 2

音箱纜線 x 2

螺釘 (5x15) x 8

環繞音箱 x 2

中置音箱

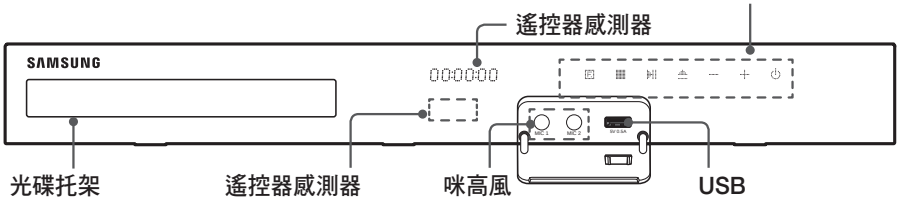


重低音音箱

前面板

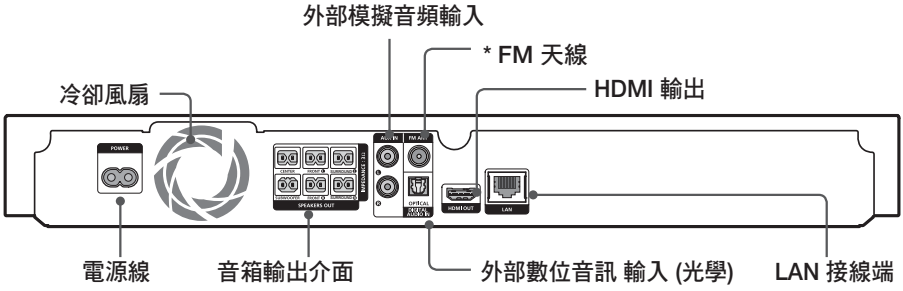
顯示螢幕圖示

⊡	功能鍵	■	停止鍵	⏯	播放 / 暫停鍵
⏏	開啟 / 關閉鍵	— +	音量控制鍵	⏻	電源鍵



- ✎ 裝置工作時，請小心不要讓兒童觸摸產品表面。表面會很熱。
- ✎ 要透過 USB 接口升級產品的軟件，必須使用 USB 快閃裝置。
- ✎ 產品顯示 Blu-ray 光碟功能表時，您無法透過按產品或遙控器上的 ⏯/▶ 鍵播放影片。要播放影片，必須在光碟功能表中選擇 Play Movie (播放影片) 或 Start (開始），然後按 ↵ 鍵。
- ✎ 如果您正在使用互聯網或正在電視上透過家庭影院播放 USB 裝置中的內容，則無法透過 **FUNCTION**(功能) 按鈕選取 **BD/DVD** 模式。若要選取 **BD/DVD** 模式，請退出互聯網或停止正在電視上播放的內容，然後 選取 **BD/DVD** 模式。
- ✎ 使用卡拉 OK 功能之前插入咪高風插孔。

背面板



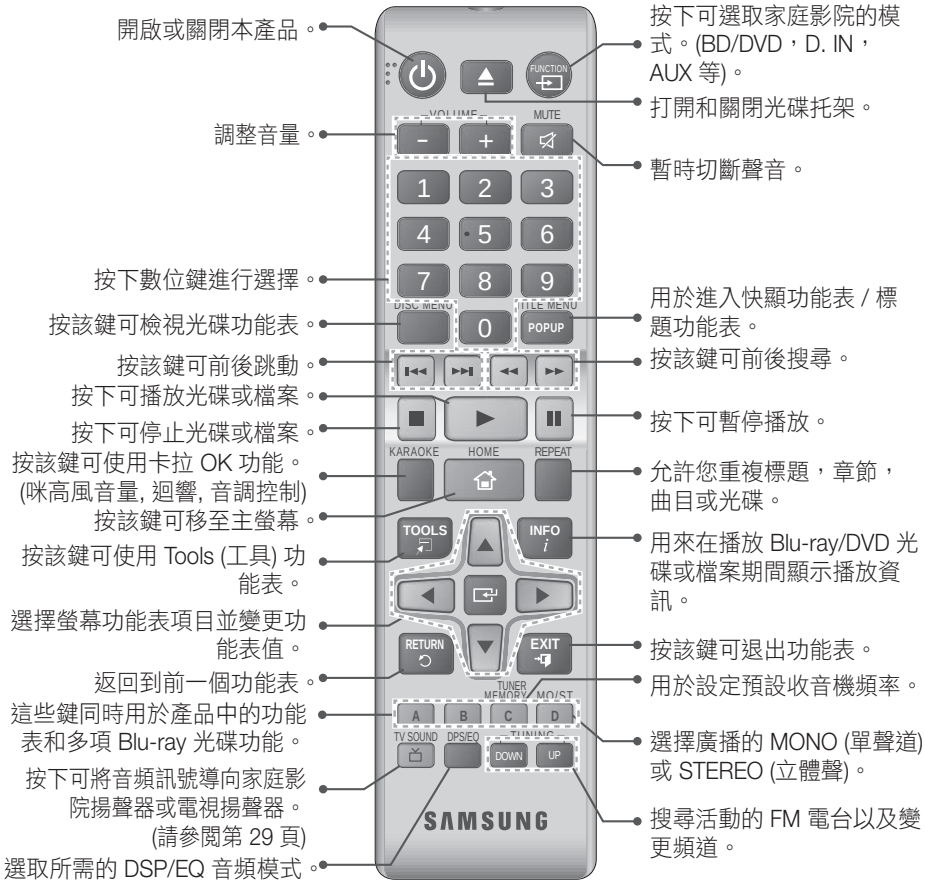
* 連接 FM 天線

1. 將提供的 FM 天線連接到 FM ANT插孔。
2. 在周圍緩慢移動天線，直至找到接收良好的位置，然後將其固定在牆上或其他固定表面上。

- ✎ 在家庭影院的所有邊緣至少保留 10 厘米的通暢空間，以確保適當的通風。請勿堵塞冷卻風扇或通風孔。
- ✎ 本產品無法接收 AM 廣播。

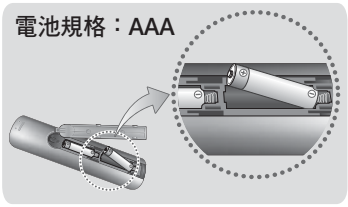
遙控器

遙控器按鍵說明



遙控器按鍵說明

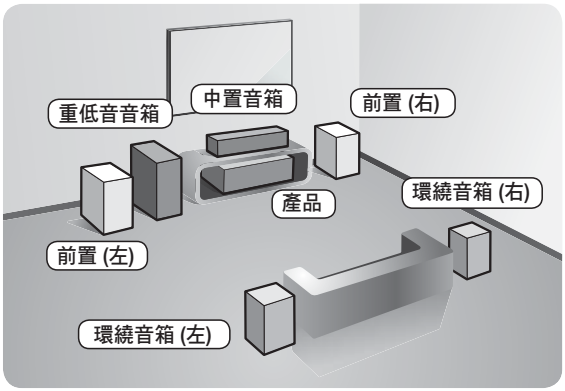
- ✎ 確保電池的“+”和“–”端與電池盒內的圖示對應。
- ✎ 如果是正常使用電視機， 電池可以使用大約一年。
- ✎ 遙控器可在距離產品最遠約 7 米的直線範圍內使用。



連接

本節介紹將本產品連接到其他外部設備的各種連接方法。移動或安裝產品之前，請確保關閉電源並中斷電源線連接。

連接音箱



本產品的位置

請將其放在支架或壁櫃隔板上，或放在電視櫃下。

選擇聆聽方位

聆聽方位與電視機的距離應為電視機螢幕尺寸的 2.5 到 3 倍。例如，如果螢幕為 46 英寸，則聆聽位置與螢幕保持 2.92 到 3.50 米的距離。

前置音箱	將這些音箱放在聆聽位置的前方，約以 45° 角朝向您。放置前置音箱時，高音喇叭應與您的耳朵在同一高度。將前置音箱的正面與中置音箱的正面對齊，或將其放在比中置音箱稍靠前的位置。
中置音箱	最好將中置音箱裝在與前置音箱相同高度的位置，亦可將其直接裝於電視機上方或下方。
環繞音箱	將這些音箱放在聆聽位置的一側。如果沒有足夠的空間，請將這兩個音箱面對面放置。將其放在離您耳朵上面 60 到 90 公分的位置，音箱面向下略為傾斜。 * 與前置和中置音箱不同的是，環繞音箱主要用於音效，而不會始終發出聲音。
重低音音箱	重低音音箱的位置沒有嚴格的要求，可以隨意放置。

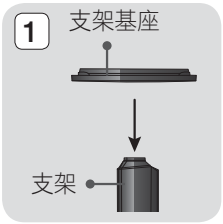
*** 揚聲器的外觀可能與本手冊中的插圖不相同。**

*** 使揚聲器纜線與揚聲器背面的彩色標籤相符，然後將它們插入顏色相同的插孔中。**
如需詳細說明，請參閱第 9 頁。

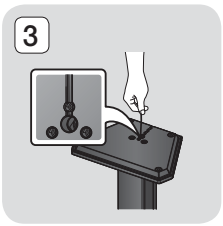
在落地支架上安裝音箱

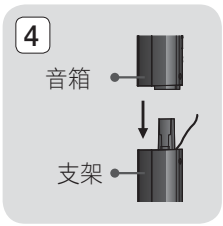
*** 前置音箱 HT-H4530K - 前置音箱**

1. 將支架基座倒置並將其連接到支架。
2. 使用螺絲刀將螺釘組合到 3 個標記的孔中。

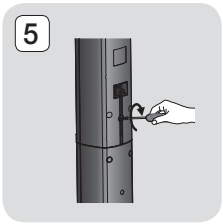


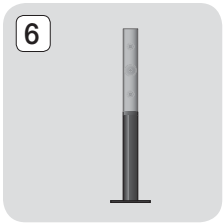
3. 朝重力方向拉直提供的音箱纜線，並放入支架基座 中央的孔中。
4. 將上音箱連接到組裝好的支架。





5. 使用螺絲刀將螺釘順時針插入到音箱背面的孔中。 然後連接音箱纜線。
6. 這是該音箱安裝後的外觀。按照此步驟安裝其他音箱。



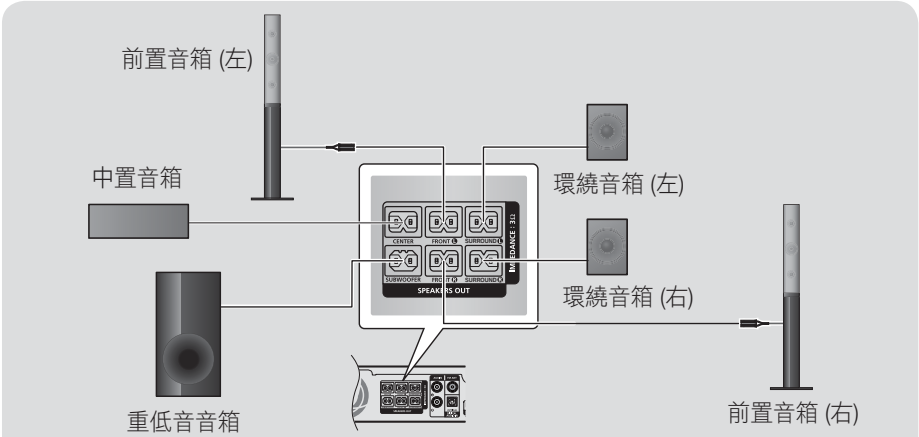


揚聲器纜線連接

*** 前置音箱 HT-H4530K - 前置音箱**

1. 將每個線束上色彩編碼的插頭與每個音箱底部的彩色貼紙對應，使每個音箱線束與正確的音箱相符。
2. 將每個音箱的音箱纜線插頭連接到本產品的背面，音箱插頭的色彩要與音箱插孔的色彩一致。

對於 HT-H4530K



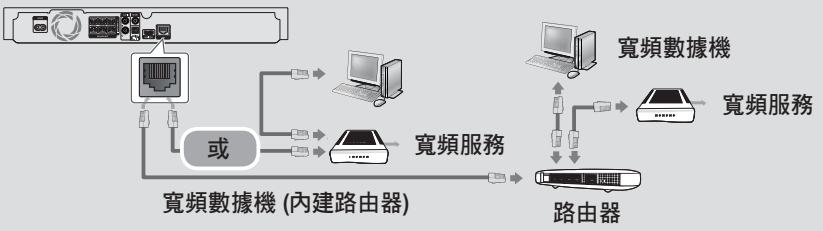
* HT-H4500K 的音箱請參閱第5 頁。

✎ 如果將音箱放在電視機附近，螢幕色彩可能會因磁場干擾而失真。

| 註 |

- 如果要將揚聲器安裝在牆壁上，請將螺絲或釘子 (未附送) 牢牢釘入牆壁中要掛揚聲器的位置，然後使用每個揚聲器背面的空，小心地將每個揚聲器掛在螺絲或釘子上。
- 請勿讓兒童擺弄音箱或在音箱附近玩耍，以免由於音箱翻倒而造成傷害。
- 將音箱纜線連接到音箱時，請確保極性 (+/-) 正確連接。
- 請將重低音音箱放在兒童無法觸及的位置，以免他們把手或其他異物插入其導聲管 (音孔)。
- 請勿透過導聲管 (音孔) 將重低音音箱掛在牆上。

連線到網絡路由器

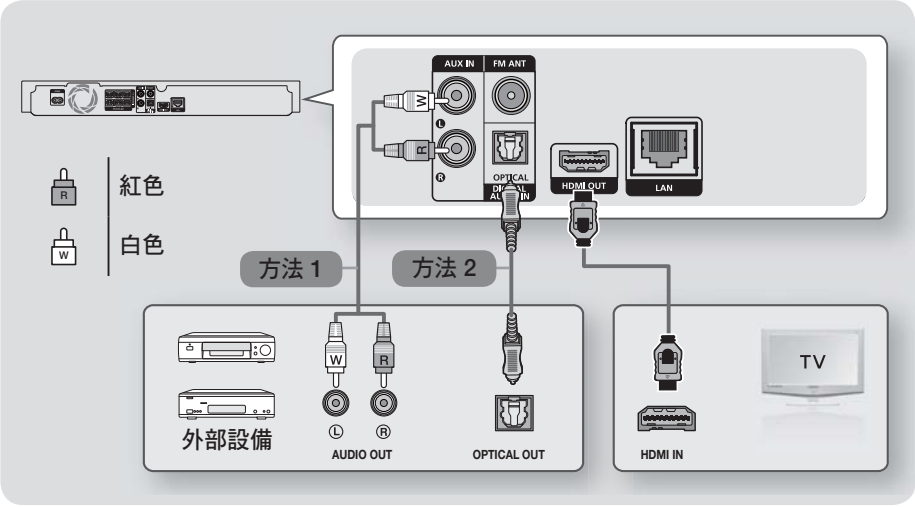


✎ 您的路由器或 Internet 服務供應商的原則可能阻止本產品存取三星的軟體更新伺服器。如此情況發生, 請聯絡您的 ISP (Internet 服務供應商) 獲取更多資訊。

✎ DSL 使用者請使用路由器進行網絡連線。

✎ 要使用 DLNA 功能，必須如上圖所示將 PC 連線到網絡。

連接至電視和外接裝置



連接到電視機

將 HDMI 電纜從產品背面的 HDMI OUT 插孔連接到電視的 HDMI IN 插孔。 如果電視支援 ARC，則只要連接這根纜線，便可以透過家庭影院聽到電視的聲音。 如需詳細資料，請參閱本手冊的第 15 頁，以及電視使用手冊中有關 ARC 的章節。

連接到外部設備

在連接外接裝置之後，若要為該裝置選取正確的模式，請按 **FUNCTION** 按鈕。每次按該按鈕，模式便會按以下順序變更： **BD/DVD → D. IN → AUX → FM → BT**

下面說明將外接裝置連接至家庭影院的兩種方法。

方法 1 AUX IN (外部模擬音頻輸入)：連接外部模擬設備

使用 RCA 音訊纜線 (未提供) 從本產品的 AUDIO IN 插孔連接到外部模擬設備上的 AUDIO OUT 插孔。⇨ 選擇 **AUX** 模式。

- 確保纜線插頭的色彩與輸入及輸出插孔的色彩一致。

方法 2 OPTICAL (光學)：連接外部數位音訊設備

用來連接電纜轉台器和衛星等數碼訊號元件的數碼音頻輸出

接收器 (機頂盒)：使用數碼光學纜線 (未提供)，將產品上的 OPTICAL DIGITAL AUDIO IN 插孔連接至外接數碼裝置的 數碼光學輸出 插孔。

⇨ 選擇 **D. IN** 模式。

✎ 要觀看來自分線盒 / 衛星接收器的視訊，必須將其視訊輸出直接連接到您的電視機。

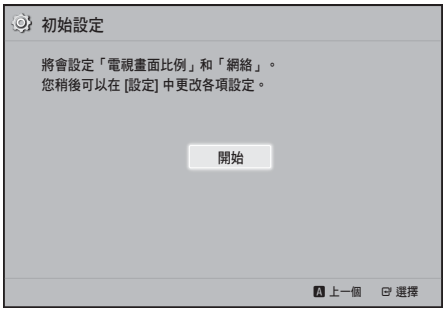
✎ 本系統支援外部數位設備 32 kHz 或更高的數位採樣率。

✎ 本系統僅支援 DTS 和 Dolby Digital 音訊。不支援 MPEG 音訊 — 一種位元串流格式。

初始設定程序

- 如果未進行初始設定，則不會顯示主功能表。
- 升級軟件版本後， 本產品中的 OSD (螢幕顯示) 可能有所變化。
- 存取步驟視您選擇的功能表而有所不同。

1. 視和產品。當您首次開啟產品時，產品會自動顯示 **初始設定** 語言畫面。
2. 按下 ▲▼ 按鈕以選取所需的語言，然後按 ⏎ 按鈕。
3. 按 ⏎ 按鈕以開始功能設定。



4. **電視畫面比例** 畫面將會出現。按 ▲▼ 按鈕以選取電視縱橫比，然後按 ⏎ 按鈕。

   有四個選項可供選擇：

   16:9 原始大小 - 適用於寬螢幕電視。對于寬螢幕圖像，以其原始 16:9 格式顯示；對於 4:3 圖像 (舊的標準格式)，以 4:3 郵筒格式顯示，左右兩側有黑條。

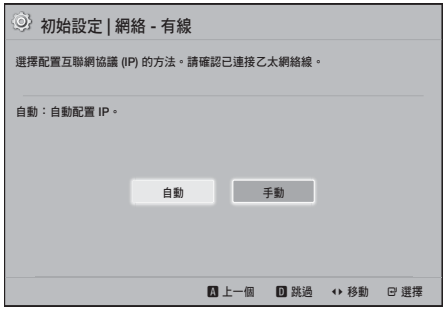
   16:9 全螢幕 - 適用於寬螢幕電視。對於寬螢幕圖像，以其原始 16:9 格式顯示；對於 4:3 圖像，展開以填滿 16:9 螢幕。

   4:3 信箱模式 - 適用於較舊的標準螢幕類比電視。對於 4:3 圖像，以全螢幕顯示；對於 16:9 圖像，以信箱格式顯示：保留 16:9 縱橫比，但是在圖像上下方放置黑條。

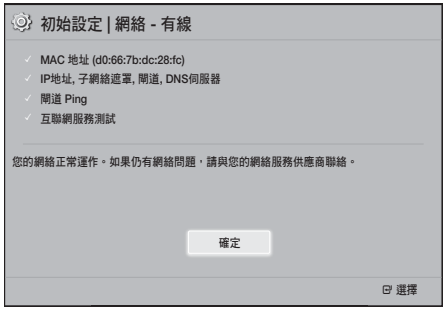
   4:3 全景 - 適用於較舊的標準螢幕類比電視。對於 4:3 圖像，以全螢幕顯示；對於 16:9 圖像，以平移-掃描格式顯示：填滿螢幕，但是剪掉圖像的左右兩側並垂直放大中間部分。

5. **網絡 - 有線** 畫面將會出現。
   - 如果您具有使用動態 IP 位址的網絡 (大多數人是這樣)，請選取 **自動**，然後按 ⏎ 按鈕，再跳至步驟 6。
   - 如果您具有使用靜態 IP 位址的網絡，建議您按**藍色 (D)** 按鈕選取 **跳過**。 (請參閱第 17 頁)
   - 如果您沒有網絡，請按**藍色 (D)** 按鈕選取 **跳過**。初始設定完成 畫面將會出現，然後首頁畫面將會出現。

✎ 如果您在這裡跳過網絡設定，或是網絡設定無法正常工作，您可以在稍後設定產品的網絡連線。(請參閱第 17 頁)



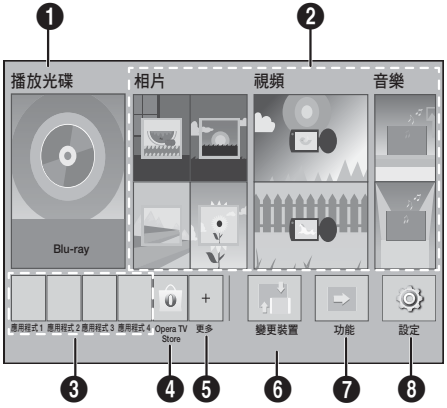
6. 本產品會先驗證網絡連線，然後再連接至網絡。完成後，按 ⏎ 按鈕。「**初始設定完成。**」畫面將會出現，然後首頁畫面將會出現。



✎ 再次顯示 **初始設定** 畫面並進行變更，請選取 **重設** 選項。(請參閱第 17 頁)

✎ 如果您使用 HDMI 電纜來將本產品連接至符合 Anynet+ (HDMI-CEC) 的 Samsung 電視，並且 1.)您已在電視和本產品上將 **Anynet+ (HDMI-CEC)** 功能設定為 開啟；以及 2.)您已將電視設定為本產品支援的語言，則本產品會自動選取該語言作為首選語言。

首頁畫面總覽



❶ 播放光碟

將會顯示目前放置在托盤中的光碟。
按 ⏎ 開始播放光碟。

❷ 相片/視頻/音樂

播放光碟，USB，電腦或移動裝置中的相片，視頻或音樂內容。

❸ 應用程式

存取各種付費或免費應用程式。

❹ Opera TV Store

使適用於電視的 Web 型應用程式可供使用。

❺ 更多

我們推薦的有用和熱門應用程式清單。

❻ 變更裝置

顯示連接至主裝置的外接裝置清單。切換至所需的裝置。

❼ 功能

用於切換至外接裝置，以及藍牙連接的無線電和模式切換。您可以使用遙控器的 **FUNCTION**(功能) 按鈕和主裝置的 ⏎ 按鈕進行模式切換。

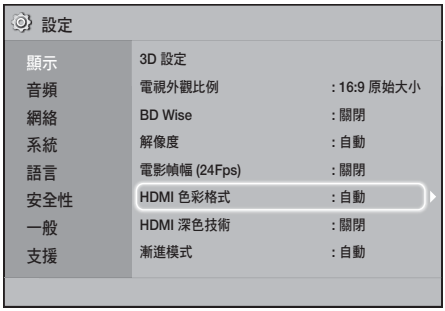
❽ 設定

設定各種功能以適應您的個人喜好。

✎ 若要播放或觀賞位於 PC 上的視頻，相片，音樂檔案，必須將家庭影院 和 PC 連接至家庭網絡，並且必須在 PC 上下載，安裝和設定 DLNA 軟件。 (請參閱第 19 頁)

存取設定螢幕

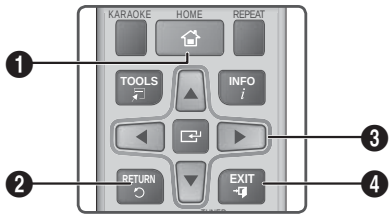
1. 在主螢幕中選擇 **設定**， 然後按 ⏎。顯示 **設定** 螢幕。



2. 若要存取 **設定** 畫面上的功能表，子功能表和選項，請參閱遙控器說明。 (請參閱第 14 頁)

✎ 如果本產品處於停止模式超過 5 分鐘未使用，電視機將顯示螢幕保護程式。如果本產品處於螢幕保護模式超過 20 分鐘，電源將自動關閉。

遙控器上用於設定功能表的鍵



1	HOME (首頁) 鍵：按該鍵可移至主螢幕。
2	RETURN (返回) 鍵：按下可回到上一個功能表。
3	(確定) / **方向** 鍵： • 按 ▲▼◄► 可移動游標或選擇項目。 • 按 鍵可啟動目前所選項目或確認設定。
4	EXIT (退出) 鍵：按該鍵可結束目前功能表。

詳細功能資訊

每個 **設定** 功能，功能表項目和個別選項均在畫面上詳細說明。 若要檢視某個說明，請使用 ▲▼◄► 按鈕選取功能，功能表項目或選項。 說明一般顯示在畫面底端。

從本頁開始提供每個 **設定** 功能的簡短說明。 本手冊「附錄」中也提供了一些功能的其他資訊。

設定功能表功能

顯示

3D 設定

設定 3D 相關功能。

✓**3D Blu-ray 播放模式**: 選擇是否在 3D 模式下播放包含 3D 內容的 Blu-ray 光碟。 如果在 3D 模式中移至首頁功能表，產品將自動切換至 2D。

✓**螢幕大小**: 輸入連接到本產品的電視機螢幕尺寸。本產品自動將 3D 輸出的大小調整為電視機螢幕大小。

✎ 在觀賞3D 內容之前，請仔細閱讀健康和安全資訊。 (請參閱第 3 頁)

電視外觀比例

可讓您將本產品的輸出調整為電視機的螢幕大小。 (請參閱第 33 頁)

BD Wise

BD Wise 是三星最新的互連功能。將具有 **BD Wise** 功能的三星產品和三星電視機透過 HDMI 彼此連接，並且產品和電視機上的 **BD Wise** 均已開啟時，產品以 Blu-ray/DVD 光碟的視訊解像度和訊框速率輸出視訊。

解像度

可讓您將 HDMI 視訊訊號的輸出解像度設定為 **BD Wise, 自動**，**1080p**，**1080i**，**720p**，**576p/480p**。該數字表示每個訊框的視訊掃描行數。i 和 p 分別表示隔行掃描和逐行掃描。行數越多，品質越高。

電影幀幅 (24Fps)

如果連接至與 24Fs 相容的電視，則將 **電影幀幅 (24Fps)** 功能設為 **自動** 可讓產品自動將其 HDMI 輸出調整為每秒 24 幀，以提高畫質。

- 只有在支援此訊框速率的電視機上才能使 **電影幀幅 (24Fps)** 功能。
- 電影幀率僅當產品在 HDMI 1080p 輸出解像度模式下時可用。

HDMI 色彩格式

可讓您設定 HDMI 輸出的色彩空間格式以符合所連接裝置 (電視機，顯示器等) 的功能。

HDMI 深色技術

可讓您設定產品從具有深色功能的 HDMI OUT (HDMI 輸出) 插孔輸出視訊。深色功能以更大的色彩深度提供更加精確的色彩再現。

漸進模式

可讓您提高觀看 DVD 時的圖像品質。

音頻

卡拉 OK 分數

此功能會評價您的唱功，提供您唱的每一曲的得分。

我的卡拉 OK

當使用卡拉 OK 功能時設定演唱音量。

✓**原音**: 將音量設為原唱的音量。

✓**消除歌聲**: 將音量設為低於原唱的音量。

揚聲器設定

可讓您調整下列音箱設定，以及開啟或關閉測試音效以測試音箱。

✓**音量**: 可讓您在 6dB 至 -6dB 的範圍內調整各音箱的相對音量。例如，如果您喜歡深低音，則可將重低音音箱的音量增加 6dB。

✓**距離**: 可讓您調整各音箱與聆聽位置的相對距離，最遠可達 9 米。距離越遠，音箱的聲音越大。

✓**測試音效**: 可讓您執行 **測試音效** 功能，以便您可以測試調節效果。將 **測試音效** 設為 **開啟** 會開啟 **測試音效** 功能。將它設為 **關閉** 則會關閉該功能。

選擇揚聲器

可讓您選擇要啟動哪些音箱：家庭劇院揚聲器或電視揚聲器。

音訊回傳通道

可讓您將電視的聲音導向家庭影院揚聲器。需要 HDMI 連線和與 **音訊回傳通道**(ARC) 相容的電視。

- 如果將 **音訊回傳通道** 設為 **開啟** 並且您是使用 HDMI 纜線將產品連接至電視，數碼光學輸入將不起作用。
- 如果將 **音訊回傳通道** 設為 **自動**，並且您是使用 HDMI 纜線將產品連接至電視，則會自動選取 ARC 或數碼光學輸入。

數碼輸出

可讓您設定 **數碼輸出**，以與連接至本產品的 AV 接收器功能相符。 如需詳細資訊，請參閱數碼輸出選擇表。 (請參閱第 38 頁)

動態範圍控制

可讓您將動態範圍控制套用到 Dolby Digital，Dolby Digital Plus 和 Dolby TrueHD 音訊。

✓**自動**: 根據 Dolby TrueHD 音軌中的資訊自動控制 Dolby TrueHD 音訊的動態範圍。同時關閉 Dolby Digital 和 Dolby Digital Plus 的動態範圍控制。

✓**關閉**: 保持動態範圍未壓縮，可讓您聽到原始聲音。

✓**開啟**: 對所有三種 Dolby 格式開啟動態範圍控制。 使安靜的聲音更響亮，而響亮的聲音音量減小。

縮混模式

可讓您選擇與您的立體聲系統相容的多聲道縮混方法。 您可以選擇讓產品縮混成 **普通立體聲** 或 **兼容環繞音場**。

音訊同步

產品連接到數位電視機時，可讓您調整音訊延遲以便音訊與視訊同步。您可以設定 0 到 300 毫秒的延遲。

網絡

有線網絡設定

如需此功能的相關詳細資訊，請參閱第 16 頁。

網絡測試

可讓您測試 互聯網協議 設定，查看它是否正常工作。

網絡狀態

可讓您檢查目前的網絡及互聯網狀態。

設備名稱

可讓您將識別名稱指定給產品。

當您將外接裝置 (智能手機，平板電腦等) 連接至產品時，使用該名稱來識別產品。

BD-Live 互聯網連接

可讓您允許或禁止 BD-Live 服務的互聯網連線。

系統

初始設定

可讓您重新執行 **初始設定** 程序。 (請參閱第 12 頁)

快速啟動

您可以透過縮短開機時間來快速開啟電源。

✎ 如果將此功能設為 **開啟**，待機電源消耗將會增大。(約為 12W ~ 20W)

Anynet+ (HDMI-CEC)

Anynet+ 是一種便捷功能，用於與具備 Anynet+ 功能的其他三星產品連結，可讓您透過一個三星電視機遙控器控制這些產品。要操作此功能，必須使用 HDMI 纜線將本產品連接到 Anynet+ 三星電視機。

BD 資料管理

可讓您管理透過支援 BD-LIVE 服務的 Blu-ray 光碟下載的內容。您可以檢視用作 BD Live 資料儲存體之 USB 裝置的資訊，包括儲存空間。您還可以刪除 BD Live 資料和變更裝置。

DivX® VOD

檢視 DivX® VOD 的註冊碼，以購買和播放 DivX® VOD 內容，或檢視註銷碼以此註銷此產品。

語言

可讓您選取偏好用於螢幕顯示功能表，光碟功能表等的語言。

- 選取的語言只有在光碟上受支援時才會出現。

安全性

預設 PIN 是 0000。如果您尚未建立您自己的 PIN，請輸入預設 PIN 以存取安全功能。

BD 家長分級控制

除非您輸入 PIN，否則阻止播放分級等於或高於特定年齡的 Blu-ray 光碟。

DVD 家長分級控制

除非您輸入 PIN，否則阻止播放分級高於特定數字分級的 DVD。

更改密碼

更改用於存取安全功能的 4 位 PIN 碼。

一般

時區

可讓您指定適合您所在地區的時區。

支援
軟體升級
如需此功能的相關詳細資訊，請參閱第 18 頁 。
聯絡 Samsung
提供聯絡資訊，以協助您使用產品。
服務合約條款
檢視關於協力廠商內容和服務的一般免責聲明。
重設
將除網絡之外的所有設定恢復為其預設值。需要您輸入安全 PIN。 預設安全 PIN 是 0000。

網絡設定

當將本產品連接至網絡時，您可以使用網絡型應用程式和 BD-LIVE 等功能，還可以透過網絡連線升級產品的軟件。

設定您的網絡連線

如果您在 初始設定 期間跳過了網絡設定，請按照下面的說明設定家庭影院的網絡連線。

開始之前，請諮詢 ISP，確認您的 IP 位址是靜態還是動態。 如果是動態，建議您使用下面的自動程序。

如果是靜態，必須使用隨後的手動程序。

- 開始之前，請確認已使用網線將產品連接至路由器。

❑ 自動

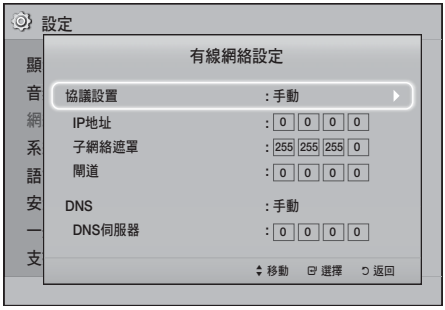
若要開始設定過程，請按照下面的步驟操作：

1. 在首頁功能表中，選取 **設定**，然後按 ⏎ 按鈕。
2. 選取 **網絡**，然後按 ⏎ 按鈕。
3. 選取 **有線網絡設定**，然後按 ⏎ 按鈕。**有線網絡設定** 畫面將會出現。
4. 在 **協議設置** 功能表上按 ► 按鈕。使用 ▲▼ 按鈕選取 **自動**，然後按 ⏎ 按鈕。

5. 網絡功能會自動取得並填寫 **IP地址**，**子網絡遮罩** 等的值。
6. 網絡功能取得網絡值之後，按 **RETURN** 按鈕。
7. 選取 **網絡測試**，然後按 ⏎。 家庭影院便會驗證網絡連線。完成後，按 **RETURN** 按鈕。

❑ 手動

如果您具有靜態 IP 位址或自動程序不起作用，則需要手動設定 網絡設定 值。 您可以諮詢互聯網服務提供商 (ISP) 來取得 網絡設定 的值。



1. 按照自動程序中的前四步操作，但是在步驟 4 中改為選擇 **手動**。

2. 按 ▼ 按鈕跳到第一個輸入欄位 (IP 位址)。
3. 使用遙控器上的數字按鈕輸入數字。
4. 輸好一個欄位之後，使用 ► 按鈕依次移到下一個欄位。您也可以使用其他箭頭按鈕上下移動或往回移動。
5. 輸入 **IP地址**，**子網絡遮罩** 和 **閘道** 值。
6. 按 ▼ 按鈕以跳至 **DNS**。
7. 按 ▼ 按鈕跳到第一個輸入欄位。 使用前述方法輸入數字。
8. 按遙控器上的 **RETURN** 按鈕。
9. 選取 **網絡測試**，然後按 。測試完成後，按 **RETURN** 按鈕退出到先前的畫面。
10. 選取 **網絡狀態**，然後按 。
11. **網絡狀態** 畫面將會出現。本產品會先驗證網絡連線，然後再連接至網絡。 完成後，反白顯示 **確定**，然後按 。

升級軟件

軟體升級 功能表可讓您升級本產品的軟件以改良效能或取得其他服務。

- 請不要在更新過程中手動關閉或開啟產品。
- 產品重新啟動後再關閉時，更新才完成。按 電源 按鈕開啟更新的產品以進行使用。
- 對於在軟件升級期間互聯網連線不穩定或消費者粗心大意造成的產品運作失常，Samsung Electronics 不承擔法律責任。

1. 在主功能表中，選擇 **設定**，然後按 鍵。
2. 選擇 **支援**，然後按 鍵。
3. 選擇 **軟體升級**，然後按 鍵。
4. 選取下列其中一種方法：
   - **從網絡中下載**
   - **從USB下載**
   - **自動升級通知**
5. 按 按鈕。
   下面開始說明每種方法的指引。

✎ 如果下載升級軟件時要取消升級，請按 鍵。

從網絡中下載

本產品必須連接至互聯網才能使用 **從網絡中下載** 功能。在開始之前，請取出所有光碟。

1. 選取 **從網絡中下載**，然後按 按鈕。「正在連接至伺服器」訊息便會出現。
2. 如果有更新可用，則一則快顯訊息會詢問您是否要升級。如果選取 **是**，產品會自動關閉，重新啟動，然後開始升級。
3. 將會顯示更新進度快顯視窗。更新完成後，產品將再次自動關閉。
4. 按 **電源** 按鈕開啟產品。

從USB下載

1. 造訪 www.samsung.com。
2. 按一下頁面右上角的 **SUPPORT** (支援)。
3. 在搜尋欄位中輸入產品的機型。在輸入機型時，下拉清單會顯示與該機型相符的產品。
4. 在下拉清單中以滑鼠左鍵按一下您的產品的機型。
5. 在出現的頁面上，向下捲動至 **Firmware Manuals & Downloads** (韌體手冊與下載) 並按一下。
6. 在頁面中央按一下 **Firmware** (韌體)。
7. 按一下頁面右側檔案直欄中的 **ZIP** 圖示。
8. 在出現的第一個快顯視窗中按一下 **Send** (送出)。在第二個快顯視窗中按一下 **OK** (確定) 以下載並儲存韌體檔案至 PC。
9. 將 zip 存檔解壓縮到您的電腦。您應有與 zip 檔案同名的資料夾。

10. 將該資料夾複製到 USB 快閃磁碟機。
11. 確保產品中沒有插入光碟，然後將 USB 快閃磁碟機插入產品的 USB 埠。
12. 在產品的功能表中，移至 **設定 > 支援 > 軟體升級**。
13. 選擇 **從USB下載**。
14. 家庭影院會在 USB 磁碟機上搜尋軟件。當它發現軟件後，更新要求 快顯視窗將會出現。
15. 選取 **確定**。家庭影院會關閉，重新啟動，然後開始升級。升級完成後，家庭影院將會關閉。
16. 按 **電源** 按鈕開啟家庭影院。

✎ 使用USB Host 插孔升級軟件時，產品中不能有光碟。

✎ 軟件升級完成後，請在 **軟體升級** 功能表中檢查軟件詳情。

自動升級通知

如果本產品連接至網絡並且您將 **自動升級通知** 設為 開啟，則當有新軟件版本可用時，產品將透過快顯訊息通知您。

1. 開啟產品。
2. 在 **軟體升級** 功能表中，將 **自動升級通知** 設為 **開啟**。 如果有新的軟件版本可用，產品將透過快顯訊息通知您。
3. 若要升級韌體，請選取 **是**。產品會自動關閉，重新啟動，然後開始升級。
4. 將會顯示更新進度快顯視窗。更新完成後，產品將再次自動關閉。
5. 按 **電源** 按鈕開啟產品

設定 DLNA

DLNA 可讓您使用本產品播放電腦中的音樂，視訊和相片檔案。若要使用 DLNA，必須透過網絡將產品連接到電腦 (請參閱第 10 頁) 並在電腦上安裝 SAMSUNG PC Share Manager。

下載 DLNA 軟件

若要將　DLNA 與電腦搭配使用，必須在電腦上安裝 DLNA 軟件。可以從 Samsung.com　網站下載電腦軟件並取得有關使用 DLNA 的詳細資料。

1. 造訪 www.samsung.com。
2. 按一下頁面頂端的 **SUPPORT**(支援)。
3. 在搜尋欄位中輸入產品的型號。在您輸入產品時，與型號相符的產品將顯示在下拉清單中。
4. 在下拉清單中按一下本產品的型號。
5. 在隨後出現的頁面上，向下捲動，然後按一下 **Firmware Manuals & Download**(韌體手冊與下載)。
6. 按一下 **Software**(軟件) 標籤。
7. 在軟件標籤上，按一下 DLNA 行右側的 EXE 圖示。
8. 在隨後出現的第一個快顯視窗中，按一下 **Send**(傳送)。在第二個快顯視窗中，按一下 **Save File**(儲存檔案)。
9. 尋找安裝在磁碟上的 DLNA，然後連按兩下該檔案。
10. 在隨後出現的快顯視窗中，按一下 **Run**(執行)，然後按照畫面上顯示的指引操作。

從相同的 Software(軟件) 標籤中，按一下右側檔案直欄中相應的 PDF 檔案符號，下載 DLNA 安裝/說明手冊。將會下載並開啟 PDF 格式的檔案。按照指引操作安裝和設定 DLNA。您可以檢閱及/或儲存檔案。

✎ 若要將 DLNA 與智能手機配合使用，需要將家庭影院和智能手機連接至相同的網絡。

本家庭影院可以播放位於 Blu-ray/DVD/CD 光碟，USB 裝置，電腦，智能手機，平板電腦和應用程式中的內容。

若要播放位於電腦或移動裝置上的內容，必須將電腦或移動裝置和產品連接至網絡。若要播放電腦上的內容，還必須在電腦上下載並安裝 DLNA 網絡軟件，或是電腦上已有 DLNA 網絡軟件。

✎ 執行 Windows 7 與 Windows 8 的 PC 內建有 DLNA 軟體 (Play To)。

切換來源裝置

如果將兩個或更多個外接裝置連接至主裝置，您可以使用下面說明的三種方法之一來變更來源裝置。

方法 1

從首頁畫面中，使用 ▲▼◄► 按鈕移至 **變更裝置**，然後按 ⏎。

變更裝置 快顯視窗將會出現。使用 ▲▼ 按鈕移至所需的裝置，然後按 ⏎。

方法 2

如果移至 **相片**，**視頻**，**音樂** 或其他檔案型內容，資料夾和檔案清單將會出現。

按紅色 (A) 按鈕 顯示 **變更裝置** 快顯視窗，使用 ▲▼ 按鈕移至所需的裝置，然後按 ⏎。

方法 3

當第一次連接裝置時，一個快顯視窗將會出現，您可以在其中使用 ◄► 按鈕變更來源裝置。

播放商業光碟

1. 按下 ▲ 按鈕以開啟光碟托盤。
2. 將光碟輕輕放入托盤，光碟的標籤面朝上。

3. 按下 ▲ 按鈕以關閉光碟托盤。會自動開始播放。
4. 如果播放未自動開始，請按遙控器上的 ▶ 按鈕。

光碟存放和管理

- 拿取光碟
  - 光碟上的指紋或劃痕可能導致聲音和畫質下降或跳過播放。

  - 避免觸摸已燒錄資料的光碟之表面。
  - 拿住光碟的邊緣，避免在其表面留下指紋。
  - 請勿在光碟上貼紙或膠帶。
- 清潔光碟
  - 如果光碟表面有指紋或灰塵，請以水稀釋溫和的清潔劑後進行清潔，並使用軟布擦拭。

  - 清潔時，請從內向外輕輕擦拭光碟。
  - 存放光碟
    - 請勿置於陽光直射下。
    - 存放於涼爽通風處。
    - 存放在乾淨的保護套中並垂直存放。

播放帶有使用者燒錄內容的光碟

您可以播放燒錄到 Blu-ray, DVD 或 CD 光碟上的多媒體檔案。

1. 將使用者錄製的光碟放入光碟托盤中，然後托架關閉托盤。
2. 使用 ▲▼◄► 按鈕選取要播放的內容類型 (**相片**，**視頻** 或 **音樂**)，然後按 ⏎ 按鈕。

或

2[-1]. 從首頁畫面中選取 **播放光碟**。 **播放光碟** 畫面將會出現。使用 ▲▼ 按鈕選取所需的內容類型：**相片**，**視頻** 或 **音樂**。

3. 將會出現一個列出光碟內容的畫面。視內容的排列方式而定，您將會看到資料夾，個別檔案或兩者。
4. 如有必要，請使用 ▲▼◄► 按鈕選擇資料夾，然後按下 鍵。
5. 使用 ▲▼◄► 按鈕選擇要檢視或播放的檔案，然後按下 鍵。
6. 按下一次或多次 **RETURN** 鍵以結束目前的畫面，結束資料夾或返回主螢幕。按下 **EXIT** 鍵直接返回主螢幕。
7. 請參閱第 22~26 頁，以瞭解如何控制播放光碟上的相片，視頻和音樂。

播放 USB 裝置上的檔案

您可以使用兩種方式透過產品播放 USB 裝置中的多媒體檔案。

方法 1：如果您在開啟產品的情況下連接 USB 裝置

1. 「**已連接新裝置**」快顯視窗將會出現。

✎ 如果該快顯視窗未出現，請參閱方法 2。

2. 使用 ▲▼ 按鈕選擇 **相片**，**視頻** 或 **音樂**，然後按下 鍵。視內容的排列方式而定，您將會看到資料夾，個別檔案或兩者。
3. 如有必要，請使用 ▲▼◄► 按鈕選擇資料夾，然後按下 鍵。
4. 選擇要檢視或播放的檔案，然後按下 鍵。
5. 按下 **RETURN** 鍵結束資料夾，或者按下 **EXIT** 鍵返回主螢幕。
6. 請參閱第 22~26 頁，以瞭解如何控制播放 USB 裝置上的相片，視頻和音樂。

方法 2：如果在連接USB 裝置之後開啟產品

1. 開啟本產品。
2. 按 **變更裝置** 並選取 USB 裝置。
3. 在首頁畫面上使用 ◄► 按鈕選取 **相片**，**視頻** 或 **音樂**，然後按 按鈕。
4. 如有必要，請使用 ▲▼◄► 按鈕選擇資料夾，然後按下 鍵。
5. 選擇要檢視或播放的檔案，然後按下 鍵。
6. 按下 **RETURN** 鍵結束資料夾，或者按下 **EXIT** 鍵返回主螢幕。
7. 請參閱第 22~26 頁，以瞭解如何控制播放 USB 裝置上的相片，視頻和音樂。

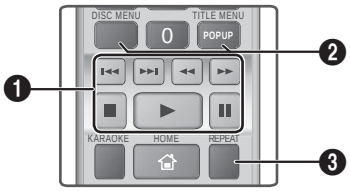
✎ 若在播放 USB 裝置或手機時插入光碟，裝置模式會自動變更為 "Disc" (光碟)。

✎ 若您的蜂巢電話與 DLNA 相容，無需連接 USB 纜線即可播放內容。 (請參閱第 30 頁)

控制視訊播放

您可以控制位於 Blu-ray/DVD 光碟，USB 裝置，手機裝置或 PC 上的視訊檔案之播放。本說明書中介紹的一些功能可能不可用，具體取決於光碟或內容。

遙控器上用於播放視訊的按鍵



❶ 播放相關按鍵

在 **搜尋**，**慢** 或 **步進** 模式下，產品不會發出聲音。

- 若要返回正常速度播放，請按下 ▶ 按鈕。

▶	開始播放。
■	停止播放。
❚❚	暫停播放。
快動作播放	在播放過程中，按 ◀◀ 或 ▶▶ 鍵。每次按 ◀◀ 或 ▶▶ 鍵時，播放速度將變更。
慢動作播放	在暫停模式下，按 ▶▶ 鍵。每次按 ▶▶ 鍵時，播放速度將變更。
分步動作播放	在暫停模式下，按 ❚❚ 鍵。每次按 ❚❚ 鍵時，都會出現一個新訊框。
跳過動作播放	在播放過程中，按 ⏮ 或 ⏭ 鍵。每次按 ⏮ 或 ⏭ 鍵時，光碟將移至上一個或下一個章節或檔案。

❷ 使用光碟功能表，標題功能表，快顯功能表和標題清單

DISC MENU (光碟功能表)

在播放過程中，按此鍵可顯示光碟功能表。

TITLE MENU (標題功能表)

在播放過程中，按此鍵可顯示標題功能表。

- 如果光碟中有播放清單，按**綠色 (B)** 按鈕可移至播放清單。

POPUP MENU (快顯功能表)

在播放過程中，按此鍵可顯示快顯功能表。

❸ 重複播放

1. 在播放過程中，按遙控器上的 REPEAT (重複) 鍵。
2. 按 ▲▼ 鍵選擇 **關閉**，**標題**，**章節**，**全部** 或 **重複 A-B** 然後按 ↻ 鍵。

❑ **重複 A-B**

1. 在您要開始重複播放的位置 (A) 按下 ↻ 鍵。
2. 在您要停止重複播放的位置 (B) 按下 ↻ 鍵。
3. 要恢復正常播放，請再次按下 REPEAT (重複) 鍵。
4. 按下 ↻ 鍵。

✎ 視光碟而定，螢幕中可能不會顯示所有重複選項。

✎ 畫面可能不會立即顯示 **章節** 或 **標題**。繼續按 ▲▼ 按鈕，直到您的選擇出現在適用的欄位中。

✎ 若要恢復正常播放，再次按下 REPEAT (重複) 鍵，按下 ▲▼ 按鈕以選擇 **關閉**，然後按下 ↻ 鍵。

✎ 畫面可能不會立即顯示 **重複 A-B**。繼續按 ▲▼ 按鈕，直到 **重複 A-B** 出現在適用的欄位中。

✎ 位置 (A) 到位置 (B) 的播放時間至少要有 5 秒鐘。

使用工具功能表

在播放過程中，按 **TOOLS** (工具) 鍵。

標題

如果磁碟或裝置上有多個標題，則可讓您移至或選取所需的標題。

播放時間

可讓您跳至特定的播放點。使用數字按鈕輸入播放點。

重複模式

可讓您重複特定標題，章節或標示的區段。

音訊同步

可讓您調整音頻延遲，使得音頻與視頻同步。可以在 0 到 300 毫秒的範圍內調整延遲。

圖像設定

可讓您設定畫面模式。

- **模式**
  - **使用者** : 可讓您手動調整 **亮度**, **對比度**, **色度** 和 **清晰度** 功能。
  - **動態** : 選擇此設定以提高清晰度。
  - **正常** : 選擇此設定以取得最多觀賞應用。
  - **電影** : 這是觀看電影的最佳設定。

僅當播放 BD/DVD 光碟時才顯示的功能表選項

章節

可讓您移至要觀看得章節。

音頻

可讓您設定所需的音頻語言。

字幕

可讓您設定所需的字幕語言。

角度

從另一個角度觀看場景。**角度** 選項會顯示可用於觀看的角度 (1/1，1/2，1/3 等)。

BONUSVIEW 視頻 | **BONUSVIEW 音頻**

可讓您設定所需的 Bonusview 選項。

僅當播放檔案時才顯示的功能表選項

全螢幕

可讓您設定所需的全螢幕大小。您可以選取 **原始大小**，**模式 1** (較大) 和 **模式 2** (最大)。

資訊

選擇此項目可檢視視訊檔案資訊。

✎ 視光碟或儲存裝置的不同，工具 功能表可能會不相同。某些選項可能不會顯示。

建立視頻播放清單

建立視頻檔案播放清單的方法，與建立音樂檔案播放清單的方法大致相同。如需說明，請參閱第 24 頁。

播放預先錄製的商業音頻光碟

1. 將音頻 CD (CD-DA) 或 MP3 光碟插入到光碟托盤中。
   - 對於音頻 CD (CD-DA)，將自動自動播放第一個曲目。依在光碟上錄製的順序播放光碟上的曲目。
   - 對於 MP3 光碟，請按 ◄► 按鈕選取 **音樂**，然後按 ↵ 按鈕。

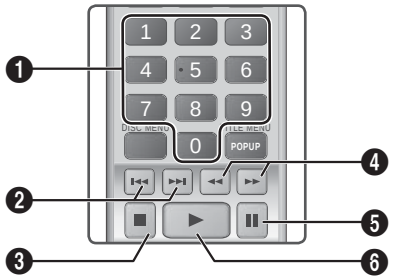
2. 若要播放特定曲目，請使用遙控器上的 ▲▼ 按鈕選取曲目，然後按 按鈕。

✎ 如需播放音樂的詳細資訊，請參閱下面的「控制音樂播放」。

控制音樂播放

您可以控制位於 DVD，CD，USB，移動裝置或電腦上的音樂內容的播放。根據光碟或內容，本手冊中說明的部分功能可能無法使用。

遙控器上用於播放音樂的按鍵



❶	**數字** 按鈕：在播放清單播放期間，按所需的曲目編號。將會播放選取的曲目。
❷	**跳過**：在播放期間，按 或 按鈕移至上一個或下一個音樂曲目。
❸	鍵：停止曲目。
❹	**快速播放 (僅適用於音頻 CD (CD-DA))** 在播放過程中，按 或 鍵。每次按 或 鍵時，播放速度將變更。
❺	鍵：暫停曲目。
❻	鍵：播放目前所選的曲目。

重複曲目

您可以將產品設定為重複曲目。

1. 在播放期間，按 **TOOLS**(工具) 按鈕。
2. 使用 ◄► 按鈕在 **重複模式** 中選取 **關閉**，**曲目** 或 **一個**，**全部** 或 **隨機式**，然後按 按鈕。

建立音樂播放清單

1. 如果播放商業 CD 或 DVD 中的音樂，請按 或 **RETURN**(返回) 按鈕。音樂清單畫面將會出現。如果您要從使用者建立的磁碟或 USB 裝置上的音樂建立播放清單，請按照第 20 或 21 頁上的說明存取音樂清單。
2. 按 ▲▼◄► 按鈕移至所需檔案，然後按 **黃色 (C)** 按鈕選取該檔案。重複此過程以選取其他檔案。
3. 如果您要選取所有檔案，請按 **TOOLS**(工具) 按鈕，使用 ▲▼ 按鈕選取 **全選**，然後按 。如果您要取消選取所有檔案，請按 **TOOLS**(工具) 按鈕，選取 **取消全部選擇**，然後按 。

4. 若要從 **播放清單** 中移除某個檔案，請移至該檔案，然後按**黃色 (C)** 按鈕。
5. 按 ⏎ 按鈕播放所選檔案。 **播放清單** 畫面將會出現。
6. 要移至音樂清單，請按 ■ 或 **RETURN**(返回) 按鈕。
7. 要移至 **播放清單**，請按 ⏎ 按鈕。

✎ 最多可以用音頻 CD (CD-DA) 上的 99 個曲目建立播放清單。

✎ 如果您從 **播放清單** 移至音樂清單，然後回到 **播放清單**，**播放清單** 將再次從頭開始播放。

擷取

1. 在產品前面板的 USB 插孔中插入 USB 裝置。
2. 在顯示播放畫面時，使用 ▲▼ 按鈕選取曲目，然後按**黃色 (C)** 按鈕。鉤號會出現在曲目左側。
3. 重複步驟 2 選取並選中其他曲目。
4. 若要從清單中移除某個曲目，請移至該曲目，然後再次按**黃色 (C)** 按鈕。曲目上的鉤號便會移除。
5. 完成後，按 **TOOLS**(工具) 按鈕。 **工具** 功能表將會出現。
6. 使用 ▲▼ 按鈕選取 **擷取**，然後按 ⏎ 按鈕。**擷取** 畫面將會出現。
7. 使用 ▲▼ 按鈕選擇要在其中儲存轉檔檔案的裝置，然後按下 ⏎ 鍵。

✎ 在擷取進行時切勿中斷裝置。

8. 若要取消擷取，請按下 ⏎ 鍵，然後選擇 **是**。選擇 **否** 則繼續擷取。
9. 在擷取完成時，將會出現 “**擷取完成。**” 的訊息。
10. 按下 ⏎ 鍵回到播放畫面。

✎ 此功能不適用於 DTS 音訊 CD。

✎ 某些光碟可能不支援此功能。

✎ 擷取將音樂編碼 192kbps 速度的.mp3 格式。

✎ 在曲目清單畫面上，您可以選擇 **全選** 或 **取消全部選擇**。
- 使用 **全選** 選取所有曲目，然後按 ⏎ 按鈕。這會取消個別曲目選取。
- 使用 **取消全部選擇** 可一次性取消選取所有已選取的曲目。

播放相片內容

您可以播放位於 DVD，USB，流動裝置或 PC 上的相片內容。

使用工具功能表

在播放過程中，按 **TOOLS** (工具) 鍵。

開始播放幻燈片 / 停止播放幻燈片

選取可播放/暫停幻燈片播放。

幻燈片播放速度

選取此項以調整播放幻燈片速度。

背景音樂

選擇以在觀看幻燈片播放時聆聽音樂。

放大

選擇以放大目前畫面。(最多可放大 4 倍)

旋轉

選擇以旋轉畫面。(該功能將順時針或逆時針旋轉畫面。)

資訊

顯示圖像資訊，包括名稱和大小等等。

✎ 視光碟或儲存裝置的不同，**工具** 功能表可能會不相同。某些選項可能不會顯示。

✎ 要啟用背景音樂功能，相片檔案和音樂檔案必須位於同一儲存媒體中。但音質可能會受 MP3 檔案的位元速率，相片大小和編碼方法的影響。

建立相片播放清單

建立相片檔案播放清單的方法，與建立音樂檔案播放清單的方法大致相同。如需說明，請參閱第 24 頁。選取相片檔案而不是音樂檔案。

收聽廣播

- 若要收聽廣播，必須連接隨附的 FM 天線。

使用遙控器控制廣播

1. 按 FUNCTION (功能) 鍵選擇 **FM**。
2. 調諧到所需的電臺。
   - **預設調諧 1**：按 ■ 鍵選擇 **PRESET** (預設)，然後按 **TUNING UP, DOWN**(向上，向下調頻) 鍵選擇預設電臺。
     - 必須將預設電臺新增到產品的記憶體中，然後才能調諧到預設電臺。
   - **手動調諧**：按 ■ 鍵選擇 **MANUAL** (手動)，然後按 **TUNING UP, DOWN**(向上，向下調頻) 鍵調諧到更低或更高的頻率。
   - **自動調諧**：按 ■ 鍵選擇 **MANUAL** (手動)，然後長按 **TUNING UP, DOWN**(向上，向下調頻) 鍵自動搜尋波段。

設定單聲道/立體聲

按 **MO/ST** (單聲道/立體聲)鍵。

- 每按一次該鍵，聲音將在 **STEREO** (立體聲) 與 **MONO** (單聲道) 之間切換。
- 在接收不良的區域，選擇 **MONO** (單聲道) 以獲得更清晰，無干擾的廣播。

預設電臺

例如：在記憶體中預設 FM 89.10。

1. 按 **FUNCTION** (功能) 鍵選擇 **FM**。
2. 按 **TUNING UP, DOWN**(向上，向下調頻) 鍵選擇 <89.10>。
3. 按 **TUNER MEMORY** (收音存台) 鍵。
   - 此時顯示幕上會閃爍數字。
4. 再次按 **TUNER MEMORY** (收音存台) 鍵。
   - 在顯示幕上的數字自行消失之前按 **TUNER MEMORY** (收音存台) 鍵。
   - 按 **TUNER MEMORY** (收音存台) 鍵後，數位字從顯示螢幕消失並且電臺儲存到記憶體中。
5. 要預設另一個電臺，請重複步驟 2 至 4。
   - 若要調頻到預設電台，請按 **TUNING UP, DOWN**(向上，向下調頻) 按鈕。

使用卡拉 OK

您可以欣賞有音樂伴奏的卡拉 OK。

1. 將咪高風連接到產品的正面。
2. 在主螢幕中，選擇 **設定**，然後按 ↵ 鍵。
3. 選擇 **音頻**，然後按 ↵ 鍵。
4. 選擇 **我的卡拉 OK**，然後按 ↵ 鍵。
   - 您可以查看卡拉 OK 得分和調節播放音樂演唱的音量。
   - 如果 **卡拉 OK 分數** 設為 **開啟** 並且已連接咪高風，則會自動顯示卡拉 OK 得分。 如果您不想看到得分，請將 **卡拉 OK 分數** 設為 **關閉**。
   - 如果您要調低原始聲音中的演唱音量，請在 **我的卡拉 OK** 設定中選取 **消除歌聲**。

錄製

您可以錄製帶音樂伴奏的卡拉 OK。

1. 在播放期間，按 **TOOLS**(工具) 按鈕選取 **錄製卡拉 OK**，然後按 ↵ 按鈕。
2. 如果要結束錄製，按 ■ 鍵。

3. 錄製完成後，USB 儲存磁碟機中會建立一個 KARAOKE 資料夾，並且錄音儲存為 KARAOKE.mp3 的形式。

✎ 要儲存錄音檔案，必須插入 USB 儲存磁碟機。

✎ 如果您重新進入 **相片**，**視頻** 和 **音樂**，將會顯示錄音檔案。

✎ 如果您在使用卡拉 OK 功能時聽到奇怪的噪音 (嘯鳴聲)，請將咪高風從音箱移開。關閉咪高風的音量或音箱音量也是有效的方法。

✎ 咪高風在 **D. IN**，**AUX**，**FM** 及 **BT** 模式下無法作用。

✎ 卡拉 OK 分數在 **卡拉 OK 分數** 設定為 **開啟** 且已連接咪高風時會自動顯示得分。如果不想顯示得分，請拔下咪高風。

✎ 首頁功能表出現在畫面上 10 秒後，咪高風將可供使用。

使用藍牙

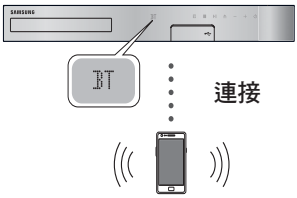
您可以使用藍牙裝置欣賞高品質立體聲音樂，所有一切皆無需連線！

什麼是藍牙？

藍牙是一種技術，可使藍牙相容裝置透過短波無線連接輕鬆地彼此互連。

- 藍牙裝置可能有雜音或出現故障：
  - 當身體的一部分接觸到藍牙裝置或家庭影院的接收 / 傳輸系統時。
  - 由於牆壁，角落或辦公分區的障礙物導致的電子差異。
  - 由相同頻帶裝置 (包括醫療裝置，微波爐和無線 LAN) 引起的電子干擾。
- 在家庭影院與藍牙裝置彼此靠近時，將它們配對。
- 家庭影院與藍牙裝置之間的距離越遠，品質就越差。如果距離超出藍牙操作範圍，則連線會中斷。
- 在接收敏感性較差的區域，藍牙連接可能無法正常工作。
- 如果沒有障礙物，家庭影院在所有方向的有效接收範圍最遠皆為 10 米。如果距離超出此範圍，連線將會自動中斷。即使在此範圍內，聲音品質也可能會由於障礙物 (如牆壁或門) 而下降。
- 此無線裝置在其作業期間可能會導致電子干擾。

將家庭影院連接到藍牙裝置



藍牙裝置

在開始之前，請確認藍牙裝置支援符合藍牙的立體聲耳機功能。

1. 按遙控器上的 **FUNCTION**(功能) 按鈕顯示 **BT** 訊息。
2. 在要連接的藍牙裝置上選擇藍牙功能表。
   (請參閱藍牙裝置的使用說明書)
3. 在藍牙裝置上選擇立體聲耳機功能表。
   - 您將會看到裝置的清單。
4. 從搜尋的清單中選擇 “**[HTS]HXXXXX**” 。
   - 在家庭影院連接至藍牙裝置時，影院的前端顯示面板上將會出現所連接的藍牙裝置的名稱，後接家庭影院的名稱。

5. 在連接的裝置上播放音樂。
   - 您可以透過連接到家庭影院系統上的藍牙裝置聆聽播放的音樂。

✎ 家庭影院僅支援中等品質的 SBC 資料 (最多 237kbps@48kHz)，不支援高等品質的 SBC 資料 (328kbps@44.1kHz).

✎ 支援 AVRCP 功能。視所連接之裝置的規格而定，功能將會不同。

✎ 僅連接到支援 A2DP 設定檔案的藍牙裝置。

✎ 一次只能配對一個藍牙裝置。

✎ 搜尋或連接功能在以下情況下可能無法正確執行：
- 若在家庭影院附近或周圍具有強電場。
- 如果多個藍牙裝置同時與產品配對。
- 如果藍牙裝置已關閉，沒有就位或發生故障。
- 請注意，如微波爐，無線 LAN 適配器，熒光燈和煤氣爐之類的裝置與藍牙裝置使用相同的頻率範圍，可能導致電子干擾。

✎ 為了提高與藍牙或任何其他裝置 (如移動電話) 的相容性，建議您將裝置更新為最新版本。

從家庭影院中斷與藍牙裝置的連接

您可以從家庭影院中斷連接藍牙裝置。如需說明，請參閱藍牙裝置手冊。

- 在家庭影院與藍牙裝置中斷連接後，家庭影院的前面顯示螢幕上將顯示 **DISCONNECTED** (已中斷連接)。

從藍牙裝置中斷與家庭影院的連接

按下家庭影院前面板上的 (⬚) 鍵從 **BT** 切換到其他模式或關閉家庭影院。

- 除非透過變更功能來中斷連接家庭影院，否則連接的藍牙裝置在終止連線之前，將會等待一定時間以獲取家庭影院的回應。(視藍牙裝置而定，中斷連線時間可能不同。)

✎ 在藍牙連線模式中，若家庭影院系統與藍牙裝置之間的距離超過 10 米，藍牙連線將會中斷。在藍牙裝置回到有效的範圍內或者您重新啟動藍牙裝置後，必須再次配對裝置與家庭影院以重新連線。

✎ 在藍牙模式下，若藍牙裝置保留在就緒狀態長達 5 分鐘，螢幕保護程式將會啟動。若要重新連接藍牙裝置，請關閉螢幕保護程式，然後連接裝置。若要關閉螢幕保護程式，請按下遙控器上的任何按鈕 (音量按鈕，數字按鈕等)

使用藍牙打開電源功能

當家庭影院已關閉時，透過藍牙連線將智能裝置連接至產品會開啟家庭影院。

✎ 當將交流電源線連接至交流電源時，**快速啟動** 功能可以使用。

✎ 若要使用此功能，請將 **設定 > 系統 > 快速啟動 >** 設為 **開啟**。

✎ 若要使用此功能，應該之前曾經在家庭影院與智能裝置之間建立藍牙連線。 換句話說，應該可從智能裝置的已知藍牙裝置清單中找到家庭影院。

1. 透過藍牙將智能裝置連接至產品。(如需藍牙連線的相關資訊，請參閱智能裝置的手冊。)
2. 連接後，家庭影院將自行自動以 BT 模式啟動。
   - 選取智能裝置上要播放的所需音樂。

使用特效遙控器鍵

TV SOUND (電視聲音) 鍵	TV SOUND

如果您擁有支援 Anynet+ (HDMI-CEC) 的電視，**TV SOUND**(電視聲音) 按鈕可讓您將電視的音頻導向家庭影院揚聲器或電視揚聲器。若要使用該功能，請按照下面的步驟操作。

1. 將 HDMI 纜線連接到電視及家庭影院。(請參閱第 11 頁。)
2. 在家庭影院和電視中將 **Anynet+ (HDMI-CEC)** 設為 **開啟**。
3. 按遙控器上的 **TV SOUND**(電視聲音) 按鈕。**TV SOUND ON**(電視聲音開啟) 會在前面板的顯示螢幕上閃爍，然後變更為 **D. IN**。
   - 當 TV SOUND(電視聲音) 設為 開啟 時，電視音頻將透過家庭影院揚聲器輸出。
4. 再次按 **TV SOUND**(電視聲音) 按鈕可將 TV SOUND(電視聲音) 設為 關閉。
   - 當 TV SOUND(電視聲音) 設為 關閉 時，電視音頻將透過所連接的 Anynet+ 電視的揚聲器輸出。

❑ **使用電視聲音:**

1) 當您要透過家庭影院揚聲器聽電視的音頻時。
2) 當您要透過家庭影院揚聲器聽來自插入到電視的 USB 裝置的音頻時。

❑ **電視聲音開啟/關閉 支援規格**

Anynet+ (HDMI-CEC) 設定	電視聲音開啟	電視聲音關閉
開啟	HTS 揚聲器輸出	HTS 揚聲器靜音
	電視揚聲器靜音	電視揚聲器輸出
關閉	HTS 揚聲器輸出	HTS 揚聲器靜音
	電視揚聲器輸出	電視揚聲器輸出
無操作	HTS 揚聲器輸出	HTS 揚聲器靜音
	電視揚聲器輸出	電視揚聲器輸出

DSP/EQ	DSP/EQ

您可以享用各種聲音模式。

- **DSPOFF** : 選取以進行正常聆聽。
- **CINEMA** (電影院) : 重現電影來源的身臨其境般的雄渾有力的聲音。
- **MUSIC** (音樂) : 適合所有音樂來源。
- **GAME** (遊戲) : 最適合播放視頻遊戲並產生雄渾有力的聲音。
- **M-STEREO (多聲道立體聲)** : 為 2 聲道輸入來源產生環繞聲。
- **POWER BASS** (增強低音) : 增強低音效果。
- **LOUD** (大聲) : 根據輸出音量改良低音特徵。
- **NIGHT** (夜晚) : 透過壓縮動態範圍針對夜晚進行最佳化 (柔化聲音)。

使用 BD-LIVE™

1. 將本產品連接到網絡。(請參閱第 10 頁)
2. 設定網絡設定。(請參閱第 17~18 頁)

只要該產品連接到網絡，您就可以欣賞 BD-LIVE 相容光碟上各種與影片相關的服務內容。

1. 將 USB 記憶棒插入產品前面的 USB 插孔，然後使用 **BD 資料管理** 檢查其剩餘記憶體容量。 儲存裝置至少必須有 1GB 的可用空間，才能承載 BD-LIVE 服務。
2. 在主螢幕中選擇 **設定**，然後按 鍵。
3. 選擇 **系統**，然後按 鍵。
4. 選擇 **BD 資料管理**，然後按 鍵。
5. 選擇 **變更裝置**，然後按 鍵。
6. 選擇 **USB 磁碟**，然後按 鍵。
7. 插入支援 BD-LIVE 的 Blu-ray 光碟。
8. 從光碟製作商提供的 BD-LIVE 服務內容清單中選擇一項。

✎ BD-LIVE 的使用方式與提供的內容可能有所不同，具體視光碟製作商而定。

使用 DLNA

DLNA 可讓您透過家庭影院存取和播放位於電腦上的檔案。

按照 DLNA 使用指南中的指引在電腦上設定 DLNA 以及標記要與家庭影院共用的資料夾和檔案。

在設定 DLNA 之後，若要存取和播放位於電腦上的檔案，請按照下面的步驟操作：

1. 依次開啟電腦，電視和家庭影院。
2. 請確保 DLNA 共用伺服器正在電腦上執行。
3. 在家庭影院上，選取 **變更裝置**。
4. 使用 ▲▼ 按鈕在裝置清單中選取電腦
5. 選取要觀看或播放的檔案種類 (**相片**，**視頻** 或 **音樂**)，然後按 。
6. 使用 ▲▼◄► 按鈕選取含有所選取檔案種類的資料夾，然後按 。 將會顯示檔案清單。
7. 選取要觀看或播放的檔案，然後按 。

✎ 使用電腦上的檔案建立播放清單的方法，與使用 USB 裝置和光碟上的檔案建立播放清單的方法相同。

✎ 雖然有少數幾個例外，但是控制電腦上檔案播放的方式，與控制 USB 裝置和光碟上檔案播放的方式相同。

✎ 您還可以先在首頁畫面上選取 **相片**，**視頻** 或 **音樂**，然後從出現的清單中選取電腦，這樣來選取電腦上的檔案。

應用程式

本家庭影院提供大量新聞，電影，天氣和其他內容，您可以直接下載到家庭影院並在家庭影院上享用。 首先，檢查網絡並確保家庭影院連接至互聯網。家庭影院必須連接至互聯網才能使用 Apps(應用程式) 功能。

透過 Apps(應用程式) 功能提供的應用程式與線上版本大致相同，即使不同，使用也很簡單。

應用程式需要您先建立帳戶才能使用。雖然您可以透過家庭影院在這些網站的大部分網站上建立帳戶，但是使用可以存取互聯網的電腦，筆記本電腦或平板電腦來建立帳戶將輕鬆得多。請注意，在某些情況下，您需要將家庭影院與電腦，筆記本電腦或平板電腦一起使用來建立帳戶。普通線上版本與可透過家庭影院存取之版本的主要區別是對於家庭影院版本，您使用遙控器而不是鍵盤來輸入字母和數字。

使用應用程式

第一次存取任何一個應用程式時，家庭影院會顯示兩份合約。必須接受這兩份合約才能下載和使用任何應用程式。

依預設，家庭影院會在首頁畫面上顯示四個熱門應用程式。您可以選取 **更多** 按鈕檢視更多應用程式，以及變更家庭影院在首頁畫面上顯示的應用程式。

若要啟動某個應用程式，請高亮顯示該應用程式，連按兩下它，然後按照畫面上顯示的指引操作。

檢視其他應用程式

1. 在首頁畫面上選取 **更多** 按鈕，然後按 ⏎ 按鈕。更多應用程式 畫面將會出現，並顯示應用程式庫。
2. 若要檢視其他應用程式，請將高亮顯示向右或向左移動，直到另一個應用程式群組出現。
3. 若要退出 更多應用程式 畫面，請選取 **關閉**，或是按遙控器上的 **RETURN**(返回) 按鈕或 **EXIT**(退出) 按鈕。

變更在首頁畫面上顯示的應用程式

1. 選取 **更多** 按鈕，然後按 ⏎ 按鈕。
2. 在 更多應用程式 畫面上選取 **編輯** 按鈕，然後按 ⏎ 按鈕。
3. 家庭影院在顯示首頁畫面上顯示的應用程式以鉤號標記。取消選取要從首頁畫面中移除的應用程式，方法是高亮顯示每個應用程式，然後按 ⏎ 按鈕。
4. 選取應用程式，方法是高亮顯示應用程式，然後按 ⏎ 按鈕。一個鉤號會出現在所選應用程式上。一次最多可以選取四個應用程式。
5. 完成後，選取 **確定**，然後按 ⏎ 按鈕。首頁畫面將會重新出現。

✎ 若要退出某個應用程式，請按遙控器上的 **EXIT**(退出) 按鈕。

✎ 若要刪除所有應用程式的登入資訊，請按 ■ 按鈕 5 秒鐘或更長時間。

使用 Opera TV Store

在 **Opera TV Store** 中，您將可找到高品質互聯網音頻串流，社交網絡和音樂串流服務。

存取 Opera TV Store

若要存取 **Opera TV Store**，請在首頁畫面上選取 **Opera TV Store** 按鈕，然後按 ⏎ 按鈕。

若要退出 **Opera TV Store** 螢幕，請按遙控器上的 **EXIT**(退出) 或 **RETURN**(返回) 按鈕。

在 Opera TV Store 中導覽

當 **Opera TV Store** 畫面出現時，它會顯示分類應用程式庫。使用遙控器上的 ▲▼◄► 按鈕將高亮顯示從一個應用程式移至另一個應用程式。

選取應用程式

將高亮顯示移至所需的應用程式，然後按 ⏎ 按鈕。

在隨後出現的快顯視窗中，選取 **OPEN**(開啟) 以立即開啟該應用程式，或選取 **ADD TO MY APPS**(新增至我的應用程式) 以將該應用程式新增至 **My Apps**(我的應用程式)。按遙控器上的 **RETURN**(返回) 按鈕回到 **Opera TV Store** 畫面。

依類別選取應用程式

為了簡化應用程式搜尋，您可以依類別檢視應用程式，例如 **Popular**，**Watch**，**Listen**，**Play**, 等。

若要選取某個類別，請使用遙控器上的 ▲ 按鈕將高亮顯示移至畫面頂端。

然後使用 ◄► 按鈕選取類別。

使用 My Apps (我的應用程式) 畫面

若要存取 **My Apps**(我的應用程式) 畫面，請高亮顯示 **MY APPS**(我的應用程式)，然後按 ⏎ 按鈕。**My Apps**(我的應用程式) 畫面將會出現，並顯示您已使用 **My Apps**(我的應用程式) 指定儲存的所有應用程式。

從 My Apps (我的應用程式) 中刪除應用程式

1. 高亮顯示 **My Apps**(我的應用程式) 畫面上的 **MENU**(功能表) 按鈕，然後按遙控器上的 ↵ 按鈕。
2. 在該功能表中選取 **REMOVE APPS**(移除應用程式)，然後按 ↵ 按鈕。一個紅色矩形會出現在其中一個應用程式周圍。
3. 將矩形移至要刪除的應用程式，然後按 ↵ 按鈕。
4. 重複此過程刪除其他應用程式。
5. 完成後，選取 **DONE**(完成)，然後按 ↵ 按鈕。
6. 按 **RETURN**(返回) 按鈕回到主螢幕。

搜尋應用程式

1. 在畫面頂端選取 **SEARCH**(搜尋)，然後按 ↵ 按鈕。
2. 若要快速搜尋熱門項目之一，請按一下畫面頂端的熱門搜尋標籤之一。
3. 若要依名稱搜尋應用程式，請使用螢幕小鍵盤輸入應用程式名稱。**Opera TV Store** 在您輸入過程中便會執行搜尋，並顯示名稱與您輸入的字母相符的應用程式。
   - 若要取消目前的搜尋，請按遙控器上的 **RETURN**(返回) 按鈕，或是在畫面上選取 **BACK**(返回) 螢幕，然後按 ↵。

其他資訊

註

連接

HDMI 輸出

- 根據電視機的類型，特定的 HDMI 輸出解像度可能無法使用。
- 您必須有 HDMI 連接才能欣賞使用 3D 技術的視訊。
- HDMI 纜線較長可能會導致螢幕雜訊。如果出現此情況，在功能表中將 **HDMI 深色技術** 設定為 **關閉**。

設定

3D 設定

- 對於某些 3D 光碟，要在 3D 播放過程中停止影片，請按 ■ 鍵一次。影片將停止播放並停用 3D 模式選項。要在播放 3D 影片時變更 3D 選項的選擇，請按 ■ 鍵一次。將顯示 Blu-ray 功能表。再次按 ■ 鍵，然後從 Blu-ray 功能表中選擇 **3D 設定**。
- 根據電視機螢幕上畫面的內容和位置，可能會在左側，右側或兩側看到黑色的豎條。

電視外觀比例

- 部分長寬比可能不可用，視光碟類型而定。
- 如果您選擇的長寬比和選項不同於您的電視機螢幕的長寬比，則畫面可能會失真。
- 如果您選擇 **16:9 原始大小**，電視機可能會顯示 **4:3 Pillarbox** (4:3 郵筒) (畫面兩側會出現黑條)。

BD Wise (僅限三星產品)

- **BD Wise** 開啟時，**解像度** 設定會自動預設為 **BD Wise**，並且 **BD Wise** 將在 **解像度** 功能表中顯示。
- 如果本產品連接到不支援 **BD Wise** 的裝置，則無法使用 **BD Wise** 功能。
- 要正確操作 **BD Wise**，請在本產品和電視機中將 **BD Wise** 選項都設定為 **開啟**。

數碼輸出

- 請務必選擇正確的 **數碼輸出**，否則聽不到任何聲音，或只能聽到很大的噪音。
- 如果 HDMI 裝置 (影音接收器，電視機) 與壓縮格式 (Dolby digital，DTS) 不相容，則音訊信號以 PCM 輸出。
- 普通 DVD 沒有 BONUSVIEW 音訊和導覽音效。
- 某些 Blu-ray 光碟沒有 BONUSVIEW 音訊和導覽音效。
- 此 **數碼輸出** 設定不會影響輸出到電視機的類比 (左/右) 音訊或 HDMI 音訊。在產品連接到影音接收器時，將會影響光纖和 HDMI 音訊輸出。
- 如果播放 MPEG 音訊音軌，則無論 **數碼輸出** 選擇 (PCM 或位元流) 如何，皆會以 PCM 輸出音訊訊號。
- 當 **選擇揚聲器** 被設定為 **電視揚聲器** 時 **數碼輸出** 被激活 。

BD-Live 互聯網連接

- 使用 BD-LIVE 內容時，Internet 連接可能會受限制。

Anynet+ (HDMI-CEC)

- 根據電視機的類型，特定的 HDMI 輸出解像度可能無法使用。請參閱電視機的使用說明書。
- 如果 HDMI 纜線不支援 CEC，則此功能不可用。
- 如果您的三星電視機具有 Anynet+ 徽標，則支援 Anynet+ 功能。

BD 資料管理

- 在外部記憶體模式下，如果在播放過程中斷開 USB 裝置的連接，光碟播放可能會停止。
- 僅支援 FAT 檔案系統 (DOS 8.3 標籤) 格式的 USB 裝置。建議使用支援 USB 2.0 通訊協定，4 MB/秒或更快讀/寫速度的 USB 裝置。
- **繼續** 播放功能在格式化儲存裝置後可能不起作用。
- **BD 資料管理** 可用的總記憶體可能會有所不同，端視具體情況而定。

DivX® VOD

- 如需 DivX(R) VOD 的詳細資訊，請造訪「http://vod.divx.com」。

揚聲器設定

- 當將 **選擇揚聲器** 設為**電視揚聲器** 時，音頻從電視揚聲器發出。

HDMI 音訊

- HDMI 音訊輸出到電視機音箱時，將自動混合為雙聲道輸出。

音訊回傳通道

- 當 **Anynet+ (HDMI-CEC)** 設為 **關閉** 時，**音訊回傳通道** 功能將無法使用。
- 使用未經 ARC (音訊回傳通道) 認證的 HDMI 纜線可能會導致相容性問題。
- ARC 功能僅在連接 ARC 相容電視機時可用。

播放

播放視訊檔案

- 具有 20Mbps 高位元速率或更高的視訊檔案可保持產品的功能，還可在播放過程中停止播放。

選擇音訊語言

- 如果 BONUSVIEW 部分不包含任何 BONUSVIEW 音訊設定，◄► 指示不會在螢幕上顯示。
- 透過 音訊語言 功能可用的語言取決於光碟上編碼的語言。
  此功能或特定的語言可能不可用。
- 某些 Blu-ray 光碟可能允許您選擇英文的 PCM 或 Dolby digital 聲道。

選擇字幕語言

- 視具體的 Blu-ray 光碟/ DVD 而定，您可能可以在光碟功能表中變更字幕語言。按 **DISC MENU** (光碟功能表) 鍵。
- 此功能視光碟上編碼的字幕選擇而定，不一定適用於所有 Blu-ray 光碟/ DVD。
- 如果 Blu-ray 光碟具有 BONUSVIEW 部分，關於主要功能 BONUSVIEW 模式的資訊亦會顯示。
- 此功能可同時修改主次字幕。
- 主要和輔助字幕總數分別顯示。

播放 JPEG 檔案

- 您不能在全螢幕模式下放大字幕和 PG 圖形。

播放內容

播放畫面時使用 TOOLS(工具) 鍵

- 如果將家庭影院連接至符合 BD Wise 的電視 **BD Wise** 設為 **開啟**，**圖像設定** 功能表將不會出現。
- 除非音樂檔案與相片檔案位於相同的儲存介質上，否則 **背景音樂** 功能將無法正常工作。另外，聲音品質可能會受到 MP3 檔案的位元速率，相片的大小和編碼方法影響。

光碟和格式相容性

您的產品可以播放的光碟類型和內容

媒體	光碟類型	詳細資訊
視頻	Blu-ray Disc 3D Blu-ray Disc	以 BD-RE 格式燒錄的 BD-ROM 或 BD-RE/-R 光碟。
	DVD-VIDEO, DVD-RW, DVD-R, DVD+RW, DVD+R	DVD-VIDEO，燒錄的 DVD+RW/DVD-RW(V)/DVD-R/+R 光碟或包含 DivX，MKV，MP4 內容的 USB 儲存媒體。
音樂	CD-RW/-R, DVD-RW/-R, BD-RE/-R	CD-RW/-R，DVD-RW/-R，BD-RE/-R 光碟上燒錄的音樂或者包含 MP3 或 WMA 內容的 USB 儲存媒體。
相片	CD-RW/-R, DVD-RW/-R, BD-RE/-R	CD-RW/-R，DVD-RW/-R，BD-RE/-R 光碟上燒錄的相片或者包含 JPEG 內容的 USB 儲存媒體。

✎ 受光碟類型或燒錄條件限制，本產品無法播放特定的 CD-RW/-R 和 DVD-R。

✎ 如果 DVD-RW/-R 光碟不是以正確的 DVD 視訊格式燒錄，則無法播放。

✎ 您的產品無法播放以超過 10 Mbps 的位元速率燒錄在 DVD-R 上的內容。

✎ 您的產品無法播放以超過 30 Mbps 的位元速率燒錄在 BD-R 或 USB 裝置上的內容。

✎ 播放可能不適用於某些光碟類型或特定操作，例如角度變換和長寬比調整。光碟的包裝盒上有光碟的詳細資訊，請根據需要參閱。

✎ 播放 BD-J 標題時，載入時間可能長於普通標題，或者某些功能的執行速度較緩慢。

您的產品無法播放的光碟類型

- HD DVD
- DVD-ROM/PD/MV 光碟等
- DVD-RW (VR 模式)
- CVD/CD-ROM/ CDV/CD-G/CD-I/ LD (CD-G 只播放音訊，不顯示圖像。)
- DVD-RAM
- 超級音頻 CD (CD 層除外)
- 用於製作的 3.9 GB DVD-R 光碟。

✎ 本產品可能無法回應所有操作命令，因為某些 Blu-ray 光碟，DVD 和 CD 光碟允許特定或受限的操作，並且在播放期間僅提供特定功能。請注意，這並非產品缺陷。

✎ 三星無法保證本產品可播放帶有 Blu-ray 光碟，DVD 或 CD 徽標的每張光碟， 因為光碟格式在不斷發展，並且 Blu-ray 光碟，DVD 及 CD 軟件建立和 / 或光碟製造期間也可能出現問題和錯誤。

✎ 如果您在本產品中播放 Blu-ray 光碟，DVD 或 CD 光碟時遇到問題或困難，請聯絡三星客戶服務中心。亦請參閱本使用說明書的其餘部分，以瞭解關於播放限制的其他資訊。

✎ 一些商用光碟和在其他地區購買的 DVD 光碟可能無法在本產品中播放。

本產品可播放的光碟之徽標

Blu-ray 光碟	3D Blu-ray 光碟
BD-LIVE	Dolby
DTS	Java
英國，法國，德國等國的 PAL 廣播系統	DivX

地區代碼

產品和光碟按地區編碼。這些地區代碼必須相符才可播放光碟。如果代碼不符，光碟將無法播放。
本產品的背面板上列有地區編號。

光碟類型	地區代碼	區域
Blu-ray 光碟	A	北美洲，中美洲，南美洲，韓國，日本，台灣，香港和東南亞。
	B	歐洲，格陵蘭，法屬地區，中東，非洲，澳洲和紐西蘭。
	C	印度，中國，俄羅斯，中亞和南亞。

附錄

DVD-VIDEO		美國，美國領土和加拿大
		歐洲，日本，中東，埃及， 非洲，格陵蘭
		台灣，韓國，菲律賓，印尼，香港
		墨西哥，南美洲，中美洲，澳洲，紐西蘭，太平洋島嶼，加勒比海
		俄羅斯，東歐，印度，北朝鮮，蒙古
		中國

✎ 如果 Blu-ray 光碟/ DVD 的地區編號與本產品的地區編號不對應，本產品將無法播放該光碟。

AVCHD (高清進階視訊編解碼器)

- 本產品可以播放 AVCHD 格式的光碟。這些光碟通常在攝像機中燒錄和使用。
- AVCHD 格式是一種高清數碼視訊攝像機格式。
- MPEG-4 AVC/H.264 格式壓縮影像的效率高於傳統影像壓縮格式。
- 某些 AVCHD 光碟使用 “x.v.Color” 格式。本產品可以播放使用 “x.v.Color” 格式的 AVCHD 光碟。
- “x.v.Color” 是 Sony Corporation 的商標。
- “AVCHD” 和 AVCHD 徽標是 Matsushita Electronic Industrial Co., Ltd. 和 Sony Corporation 的商標。

✎ 端視燒錄條件而定，某些 AVCHD 格式的光碟可能無法播放。

✎ AVCHD 格式的光碟需要確定。

✎ “x.v.Color” 提供比普通 DVD 攝像機光碟更廣泛的色彩範圍。

✎ 端視其視訊解像度和訊框速率而定，某些 DivX，MKV 和 MP4 格式的光碟可能無法播放。

支援的格式

關於 USB 連接的注意事項

- 您的產品支援 USB 儲存媒體，MP3 播放器，數碼相機和 USB 讀卡器。
- 本產品不支援長度超過 128 個字元的資料夾或檔案名稱。
- 某些 USB/數碼相機裝置可能與本產品不相容。
- 您的產品支援 FAT 16，FAT 32 和 NTFS 檔案系統。
- 將 USB 裝置直接連接到產品的 USB 埠。透過 USB 纜線連接可能會導致相容性問題。
- 在多卡讀卡器中插入多個儲存裝置可能會導致讀卡器無法正常工作。
- 本產品不支援 PTP(Peer to Peer，對等) 協議。
- 不要在 USB 裝置正在傳輸或錄製資料時將其拔下。
- 影像解像度越大，顯示影像所需的時間越長。
- 本產品無法播放從商業網站下載的具有 DRM (數位版權管理) 之 MP3 檔案。
- 本產品僅支援低於 30fps (幀/秒) 的視頻。
- 本產品僅支援 USB 大型存放裝置 (Mass Storage Class, MSC) 裝置，例如隨身碟和 USB HDD。 (不支援 HUB。)
- 某些 USB HDD 裝置，多卡讀卡器和隨身碟可能與本產品不相容。
- 如果某些 USB 裝置需要極高的功率，它們可能受到電路安全裝置的限制。
- 如果從 USB HDD 播放不穩定，請將 HDD 插入牆上插座，另外為它提供電源。如果問題仍然存在，請與 USB HDD 製造商聯絡。
- 三星對於任何資料檔案損壞或資料遺失概不負責。

視訊檔案支援

檔案副檔名	容器	視訊編解碼器	音訊編解碼器	解像度
*.avi	AVI	DivX 3.11/4/5/6 MP4v3 H.264 BP/MP/HP	MP3, Dolby Digital, DTS, WMA, PCM	1920x1080
*.mkv	MKV	VC-1 AP, DivX 5/6 H.264 BP/MP/HP	MP3, Dolby Digital, DTS	
*.wmv	WMV (wmv9)	VC-1 AP, VC-1 SM	WMA	
*.mp4	MP4	MP4 (mp4v) H.264 BP/MP/HP	AAC	
*.mpg / *.mpeg	PS	MPEG1 MPEG2 H.264 BP/MP/HP	MP1, 2 Dolby Digital, DTS	

■ **限制**
- 即使檔案是使用上方列出的受支援轉碼器編碼，若其內容有問題，則也可能無法播放。
- 如果檔案的容器資訊錯誤或檔案本身損壞，則無法保證正常播放。
- 位元速率/幀速率高於標準的檔案在聲音/視頻播放期間可能會斷斷續續。
- 如果檔案的索引表已損壞，則搜尋 (跳過) 功能不可用。

■ **視訊解碼器**
- 最高支援 H.264 Level 4.1 和 AVCHD
- 不支援 H.264 FMO/ASO/RS 和 VC1 SP/MP/AP L4
- MPEG4 SP, ASP : 低於 1280 x 720：最多 60 個訊框
高於 1280 x 720：最多 30 個訊框

■ **音訊解碼器**
- 支援 WMA 7，8，9 和 STD
- 不支援 WMA 22050Hz 單聲道取樣率。
- AAC：最高取樣率：96Khz (8，11，12，16，22,24，32,44.1，48，64，88.2，96) 最高位元速率：320kbps

■ **支援的 DivX 字幕檔案格式**
- *.ttxt, *.smi, *.srt, *.sub, *.txt

音訊檔案支援

檔案副檔名	容器	音訊編解碼器	支援範圍
*.mp3	MP3	MP3	-
*.wma	WMA	WMA	* 取樣率 (kHz) - 8，11，16，22，32，44.1 和 48 * 位元速率 - 介於 5kbps 和 384kbps 之間的所有位元速率

相片檔案支援

檔案副檔名	類型	解像度
*.jpg / *.jpeg / *.jpe	JPEG	15360x8640
*.png	PNG	

數碼輸出選擇

設定		PCM	位元流 (未處理)	位元流 (重編碼 DTS)	位元流 (重編碼 Dolby D)
連接		HDMI 支援的影音接收器			
Blu-ray 光碟上的音訊流	PCM	最高 PCM 7.1 聲道	PCM	重編碼 DTS	重編碼 Dolby Digital *
	Dolby Digital	最高 PCM 5.1 聲道	Dolby Digital		
	Dolby Digital Plus	最高 PCM 5.1 聲道	Dolby Digital Plus		
	Dolby TrueHD	最高 PCM 5.1 聲道	Dolby TrueHD		
	DTS	最高 PCM 5.1 聲道	DTS		
	DTS-HD 高解像度音訊	最高 PCM 5.1 聲道	DTS-HD 高解像度音訊		
	DTS-HD Master Audio	最高 PCM 5.1 聲道	DTS-HD Master Audio		
DVD 上的音訊流	PCM	PCM 雙聲道	PCM 雙聲道	PCM 雙聲道	PCM 雙聲道
	Dolby Digital	最高 PCM 5.1 聲道	Dolby Digital	Dolby Digital	Dolby Digital
	DTS	最高 PCM 5.1 聲道	DTS	DTS	DTS
Blu-ray 光碟的定義	任意	將主要功能音訊和 BONUSVIEW 音訊流一起解碼為 PCM 音訊並新增導覽音效。	僅輸出主要功能音訊 流以便您的影音接收器能夠解碼音訊位元流。您將不會聽到 BONUSVIEW 音訊或 導覽音效。	將主要功能音 訊和 BONUSVIEW 音訊流一起解碼為 PCM 音訊並新增導覽音效，然後將 PCM 音訊重編碼為 DTS 位元流。	將主要功能音訊和 BONUSVIEW 音訊流一起解碼為 PCM 音訊並新增導覽音效，然後將 PCM 音訊重編碼為 Dolby digital 位元流或 PCM。

▪ 如果來源資料流是雙聲道或單聲道，則「重編碼 Dolby D」設定不適用。輸出將為 PCM 雙聲道。

Blu-ray 光碟可能包含三種音訊流：

- 主要功能音訊：主要功能的音訊音軌。
- BONUSVIEW 音訊：其他音軌，如導演或演員的評論。
- 導覽音效：選擇一些功能表導覽選項時，導覽音效可能會發出聲音。 導覽音效在每張 Blu-ray 光碟上有所不同。

解析度視輸出模式而定

Blu-ray 光碟/電子內容/數位內容播放			DVD 播放
輸出 / 設定	HDMI 模式		HDMI 模式
	Blu-ray 光碟	電子內容/數位內容	
BD Wise	Blu-ray 光碟的解像度	1080p@60F	480i
自動	電視機輸入的最大解像度		電視機輸入的最大解像度
1080p@60F	1080p@60F		-
1080p	-		1080p
電影幀率：自動 (24Fs)	1080p@24F		-
1080i	1080i		1080i
720p	720p		720p
576p/480p	576p/480p		576p/480p

故障排除

當本產品無法正常使用時，請參閱下表。如果您遇到的問題在下面沒有列出，或下面的說明沒有幫助，請關閉本產品，中斷電源線的連接，然後聯絡最近的授權經銷商或三星電子維修中心。

症狀	檢查/修理
無法退出光碟。	• 電源線是否牢靠地插入插座？ • 關閉電源，然後再次開啟。
無法播放。	• 檢查 Blu-ray/DVD 光碟的地區編號。 從國外購買的 Blu-ray/DVD 光碟可能無法播放。 • CD-ROM 和 DVD-ROM 無法在本產品上播放。 • 確保評級正確。
按 ▶/⏸ 按鈕時，播放不立即開始。	• 是否使用了損壞的光碟或光碟表面是否有劃痕？ • 將光碟擦乾淨。
無聲音。	• 家庭影院在快速播放，慢速播放和分步動作播放過程中沒有播放聲音。 • 音箱是否正確連接？音箱自定義設定是否正確？ • 光碟是否嚴重損壞？
只能聽到幾個揚聲器發出聲音，而不是所有 6 個揚聲器都發出聲音。	• 在某些 Blu-ray/DVD 光碟上，聲音只從前置音箱輸出。 • 檢查音箱是否正確連接。 • 調整音量。 • 當播放來自 CD，廣播或電視的音頻時，裝置僅將聲音輸出到前揚聲器。

症狀	檢查/修理
沒有產生 Dolby Digital 5.1 聲道環繞立體聲。	• 光碟上是否標有 "Dolby Digital 5.1 CH" 標記？僅在光碟錄有 5.1 聲道的聲音時， 才能生成 Dolby Digital 5.1 聲道環繞立體聲。 • 是否已在資訊顯示中將音訊語言正確設定為 Dolby Digital 5.1-CH (Dolby Digital 5.1 聲道)？
遙控器不起作用。	• 是否在遙控器操作範圍內操作並且相對於感應器的角度正確？ • 電池是否用盡？ • 您是否已正確選取遙控器 (TV 或 BD) 的模式 (TV/BD) 功能？
• 光碟轉動但沒有產生畫面。 **• 畫面品質較差並且畫面抖動。**	• 電視機是否開啟？ • 視訊纜線是否正確連接？ • 光碟是否很髒或損壞？ • 品質不佳的光碟可能無法播放。
音訊語言和字幕不起作用。	• 如果光碟不包含多語言音軌或字幕，Audio Language(音頻語言) 和字幕功能將不起作用。
即使在選取功能表功能之後，功能表畫面也不出現。	• 是否使用的光碟未包含功能表？
無法變更長寬比。	• 您可以用 16:9 全螢幕 模式，4:3 信箱模式 模式或 4:3 全景模式播放 16:9 Blu-ray/DVD 光碟，但 4:3 Blu-ray/DVD 光碟只能用 4:3 模式播放。請參閱 Blu-ray 光碟包裝盒，然後選擇相應的功能。
• 產品不工作。 (範例：電源關閉或聽到奇怪的噪音。) **• 本產品工作不正常。**	• 在 STANDBY (待機) 模式下按住遙控器的 ■ 按鈕5 秒鐘。此操作會重設裝置。 - 使用重設功能將清除所有儲存的設定。 除非必要，請勿使用此功能。
您忘記了評級密碼。	• 在本產品中未插入光碟的前提下，長按產品的 ■ 鍵超過 5 秒。此時顯示幕上會出現 **INIT** 並且所有設定將還原為預設值。 - 使用重設功能將清除所有儲存的設定。 除非必要，請勿使用此功能。
無法收聽廣播。	• 天線是否正確連接？ • 如果天線的輸入訊號較弱，請在接收良好的區域安裝外部 FM 天線。
嘗試透過家庭影院揚聲器聽電視音頻時，聽不到聲音。	• 如果在使用 **D. IN** 或 **AUX** 功能收聽電視機音訊的同時按下 ▲ (開啟/關閉) 鍵，Blu-ray/DVD 光碟功能將開啟並且電視機音訊調為靜音。

症狀	檢查/修理
螢幕上出現 "無法使用" 。	• 此時，有些功能或操作無法完成，原因是： 1. 受限於 Blu-ray/DVD 光碟的軟件。 2. Blu-ray/DVD 光碟的軟件不支援該功能 (如角度) 3. 該功能此時不可用。 4. 您請求的標題或章節編號或搜尋時間超出了範圍。
如果 HDMI 輸出設定為您的電視機不支援的解像度 (如 1080p)，可能在電視機上看不到畫面。	• 產品中沒有光碟時，長按前面板上的 ■ 鍵超過 5 秒。所有設定都將還原為出廠設定。
無 HDMI 輸出。	• 檢查電視機與本產品的 HDMI 插孔之間的連接。 • 檢查您的電視機是否支援 576p/480p/720p/1080i/1080p HDMI 輸入解像度。
螢幕上顯示不正常的 HDMI 輸出。	• 如果螢幕上出現隨機雜訊干擾，意味著電視機不支援 HDCP (高頻寬數位內容保護)。
DLNA 功能	
您可以看到透過 DLNA 共用的資料夾，但是看不到檔案。	• DLNA 顯示僅顯示 相片，音樂 和 電影 檔案。 它不會顯示其他類型的檔案。
播放視訊時斷斷續續。	• 檢查網絡是否穩定。 • 檢查網線是否正確連接且網絡是否超載。
電視與電腦之間的 DLNA 連線不穩定。	• 同一個子網絡下的 IP 地址應該是唯一的，否則 IP 衝突可能會導致連線不穩定。 • 檢查您是否啟用了防火牆。 如果啟用了防火牆，請停用該功能。
BD-LIVE	
家庭影院無法連接至 BD-LIVE 伺服器。	• 使用 網絡狀態 功能測試網絡連線是否活動。 • 檢查 USB 儲存裝置是否連接到本產品。 • 儲存裝置至少必須有 1GB 的可用空間，才能承載 BD-LIVE 服務。 可以在 **BD 資料管理** 中檢查可用大小。(請參閱第 33 頁) • 請檢查 BD-Live 互聯網連接 功能表是否設定為 允許 (所有)。 • 如果上述方法均無效，請聯絡內容供應商或更新至最新的固件。
使用 BD-LIVE 服務時發生錯誤。	• USB 記憶體裝置至少要有 1GB 可用空間才能容納 BD-LIVE 服務。 可以在 **BD 資料管理** 中檢查可用大小。(請參閱第 33 頁)

✎ 還原為出廠預設值後，所有儲存的使用者 BD 資料皆會刪除。

規格

一般	重量	1.90 千克			
	尺寸	430.0 (寬) x 55.0 (高) x 224.0 (厚) 毫米			
	工作溫度範圍	+5° C 到 +35° C			
	工作濕度範圍	10 % 到 75 %			
FM 調諧器	訊噪比	55 dB			
	可用的靈敏度	12 dB			
	總諧波失真度	1.0 %			
HDMI	視訊	1080p, 1080i, 720p, 576p/480p			
	音訊	PCM 多聲道音訊，位元流音訊，PCM 音訊			
放大器	前置音箱輸出	80W x 2 (3Ω)			
	中置音箱輸出	80W (3Ω)			
	環繞音箱輸出	80W x 2 (3Ω)			
	重低音音箱輸出	100W (3Ω)			
	頻率回應	模擬輸入 : 20Hz~20kHz (±3dB)			
		數碼輸入 : 20Hz~40kHz (±4dB)			
	訊噪比	70dB			
	聲道分離度	60dB			
	輸入靈敏度	(AUX) 500mV			
音箱	音箱系統	5.1 聲道音箱系統			
		前置音箱	環繞音箱	中置音箱	重低音音箱
	阻抗	3 Ω	3 Ω	3 Ω	3 Ω
	頻率範圍	200Hz~20kHz	200Hz~20kHz	200Hz~20kHz	50Hz~200Hz
	輸出聲壓級	84dB/W/M	84dB/W/M	84dB/W/M	84dB/W/M
	額定輸入	80W	80W	80W	100W
	最大輸入	160W	160W	160W	200W

音箱	尺寸 (寬 x 高 x 厚) (單位 : 毫米)	**HT-H4500K**			
		77.0 x 107.0 x 68.0	77.0 x 107.0 x 68.0	228.0 x 77.0 x 70.0	155.0 x 300.0 x 285.0
		HT-H4530K			
		89.0 x 1053.0 x 71.0 (支架基座: 230.0 x 230.0 x 23.8)	77.0 x 107.0 x 68.0	228.0 x 77.0 x 70.0	155.0 x 300.0 x 285.0
	重量 (單位 : 千克)	**HT-H4500K**			
		0.35	0.35	0.49	2.89
		HT-H4530K			
		2.93	0.35	0.49	2.89

- 不支援網速小於或等於 10Mbps。
- Samsung Electronics Co., Ltd 保留隨時變更規格的權利，恕不另行通知。
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